



FORGING THE FUTURE



3-8

COMPACT SERIES

The World's Best-Selling Compact Effects

With over eight million sold, BOSS compact pedals are the premier portable effect devices. They're famous for their great sound, user-friendliness, and road-tough reliability.



9-10

TWIN PEDAL SERIES

The Luxury Twin-Effects Line

With the Twin Pedal Series, BOSS takes its compact pedal design to new heights. Extra functionality and a small footprint place these two-punch pedals beyond the standard stompbox.



11

TU SERIES

The Gold Standard in Tuning

BOSS Tuners are world famous for their reliability and accuracy. Whether you play guitar, bass, or French horn, there's a BOSS tuner for you.



12

AD SERIES

Unlock the Potential of Acoustic Guitars

Effects aren't just for electric guitars. Plug a piezo-equipped acoustic into an AD-series processor and take control over body sound. Shape your overall tone and add rich, crystal-clear ambience.



13-16

GT-PRO

Twin COSM® Engines in a Single Rack

With dual-processing power and an expansive I/O section, the new GT-PRO is a lethal front-end for driving a wall of powered cabinets or for direct, pro-grade recording applications.



17-20

GT SERIES

Advanced Multi-Effects Processors

When it comes to multi-effects, BOSS offers the best floor-based solutions for bass and guitar players, powered by COSM amp models and pro-grade, ultra-flexible effects.



21

ME SERIES

Multi-Effects with Intuitive Operation

Floor-based multi-effects processors built with the simplicity of a stompbox. Dialing in your tone is easy, thanks to dedicated knobs for each effect section, three footswitches, and a built-in expression pedal.



22

GS-10

Next-Generation Hybrid Effects System

Powered by BOSS's most advanced COSM modeling technology, the GS-10 is your gateway to an extraordinary range of vintage and modern effects. There is also a convenient feature for direct-recording to computer.

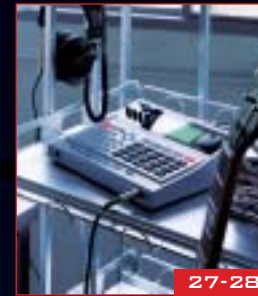


23-26

BR SERIES

Pro-Quality Studios with Built-in Burners

From concept to completion, these award-winning portable studios have all the features you need to produce great music — including built-in effects, an ultra-realistic rhythm machine, and CD burning.



27-28

DR & DB SERIES

Small But Powerful Timekeeping Tools

Inject serious style into your musicmaking with the world's most powerful rhythm programmer. Make practice fun and effective with the feature-packed DB-series metronomes.

FORGING THE FUTURE

Innovation For Creative Inspiration

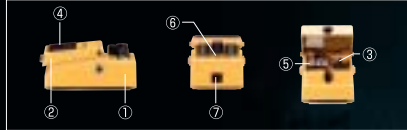
BOSS forges into 2005 with an awe-inspiring lineup of effects, digital studios, and accessories. Award-winning technology and road-tough construction make BOSS products the most respected and sought-after tone tools, recorders, and musical accessories in the world. When you want the best of best, choose BOSS — the brand that symbolizes quality, reliability, and innovation.



THE BOSS COMPACT EFFECTS STORY

Philosophy

From the beginning, BOSS has built the best pedals by adhering to these key principles: ① Reliable aluminum die cast bodies. ② Pedal switches that withstand the 100,000-repetition durability test. ③ FET switches to eliminate the clicking noise of conventional mechanical switches. ④ Non-slip rubber bases. ⑤ Easy-to-install battery compartments. ⑥ LED indicators. ⑦ Battery and AC power.



Legend

The history of BOSS reads like the history of guitar effects. The famous compact pedal line-up began in 1977 with the classic OD-1 Overdrive, which established the masterful design principle for all other BOSS effects pedals that followed.



Breakthrough

BOSS has laid claim to many "world firsts" during its illustrious history. Among the many BOSS highlights have been bringing to market the first-ever chorus, overdrive, digital delay, reverb, and pitch-shifter pedals.



Originality

Beyond standard effects, BOSS is famous for its unique and unusual stompboxes, such as the SG-1 Slow Gear, VB-2 Vibrato, and, most recently, the SYB-5 analog-modeling bass synthesizer pedal.

Pro Quality

Only the very best components and circuitry are used in BOSS pedals. No corners are cut, no compromises are made — these pedals are built to sound great and take a pounding.



Colorful Lineup

BOSS offers an incredibly wide variety of effects that can take your sound to places it has never been before. Whether you need subtle polish or full, sonic immersion, BOSS effects will do the job reliably and professionally.



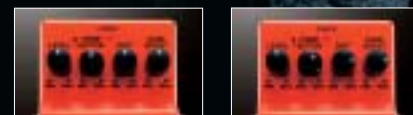
Bassists Welcome

Not just for guitarists, BOSS has a range of effects built specifically for bass players. So plug in, and anchor your music with solid, high-impact effects that are custom-tailored for low frequencies.



Imagination

Where will you take your tone? From subtle sweetening to complete audio transformation, BOSS provides more tone-shaping options than any other compact-effects manufacturer in industry.



8 Million & Growing

It's no accident that BOSS has become the world's leading effects manufacturer. With over eight million pedals sold, BOSS has built its reputation by connecting with the community. We listen and react to what players demand, while also pushing the envelope into new, unexplored realms.



Eight Million Pedals Strong

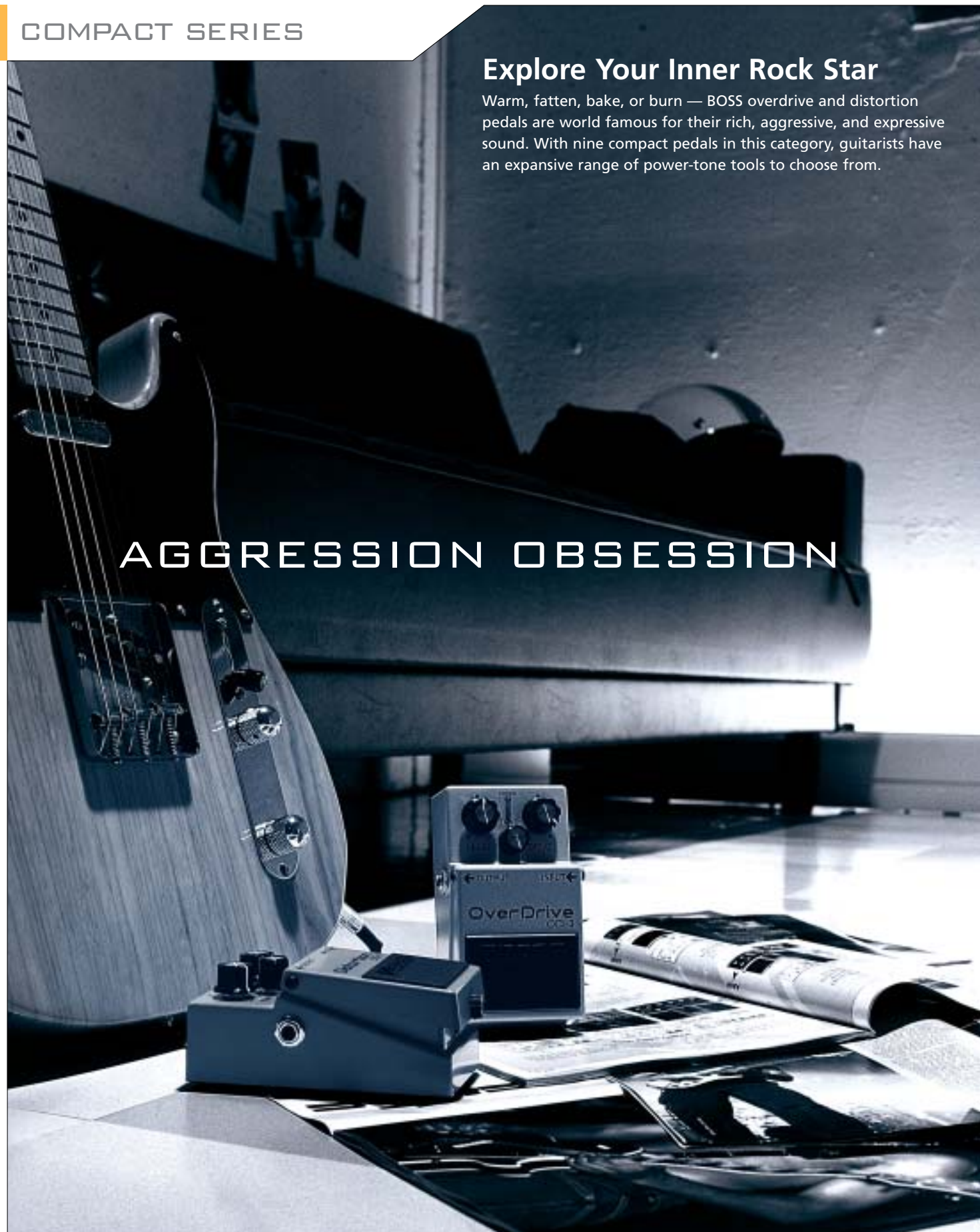
At BOSS, we've been making the world's most popular compact guitar pedals and accessories for over 25 years. From classic effects, such as our legendary chorus and delays, to the latest cutting-edge tools for modern music making....When you're serious about sound, choose BOSS.



Explore Your Inner Rock Star

Warm, fatten, bake, or burn — BOSS overdrive and distortion pedals are world famous for their rich, aggressive, and expressive sound. With nine compact pedals in this category, guitarists have an expansive range of power-tone tools to choose from.

AGGRESSION OBSESSION



SD-1 SUPER OverDrive

Warm, Tube Drive Sounds

Uses BOSS's asymmetric overdrive circuitry for warm, smooth overdrive sounds that respond to your picking style just like a tube amp. Includes a Tone control to dial in just the right sound.



OD-3 OverDrive

Natural Overdrive with Endless Sustain!

Classic BOSS overdrive, based on a dual-stage design for bigger, fuller sounds. Variable Drive and Tone controls create overdriven sounds from mild to extreme with almost endless sustain.



BD-2 Blues Driver®

The Perfect Distortion for Blues

Get the tone of a bluesy, vintage tube amp in a compact pedal capable of anything from warm overdriven sounds to full-on distortion. Leaves the subtle nuances of your playing intact.



OS-2 OverDrive/ Distortion

Distortion and Overdrive Together At Last!

A flexible pedal capable of producing overdrive, distortion, or a combination of both. Get "in your face" distortion while maintaining the subtle nuances of single-coil guitar pickups.



DS-1 Distortion

Used by Pros Everywhere

A classic! Add some hard-edged distortion while preserving the subtle nuances of your playing dynamics. A Tone control is provided for easy sound shaping.



DS-2 TURBO Distortion

Two Distortions for the Price of One

Features twin modes for an expanded range of distortion — taking you from blues-rock rhythms to searing leads at the press of a pedal or twist of a knob.



MD-2 Mega Distortion

Nu-School Distortion with Massive Low End

This pedal's dual Distortion and Gain Boost circuits take thick, heavy distortion sounds to a whole new level. Special Gain Boost and Bottom controls let you shape your tone for maximum volume and low-end punch.



MT-2 Metal Zone®

BOSS's Most Popular Pedal!

Features dual-gain circuitry for thick, tube stack distortion with heavy mids and lows and long-lasting sustain. A 3-band EQ with semi-parametric mids takes your sound to the extreme.



ODB-3 Bass OverDrive

Crunchy Overdrive Effects for Bass

An overdrive effect designed to cover the entire frequency range of bass guitars, including 5-string basses. Overdriven sounds can be blended with dry bass signal for maximum clarity and punch.



Info Bytes

Benchmark Overdrive & Distortion

BOSS's original overdrive, the OD-1, was famous for its rich, warm, and detailed sound. That legacy carried forward to the popular SD-1 and OD-3, and now to the BD-series — the new standard in Overdrive processing. Likewise, BOSS's acclaimed DS-1 distortion pedal evolved to the DS-2, which paved the way for today's benchmark distortion effect, the MD-2.

New-Breed Overdrive

Adding to the legacy of great BOSS overdrives (such as the OD and DS series), the BD-2 and MD-2 represent the new standard in overdrive/distortion effects. Try them soon!
BD-2: The BD-2 responds expressively to performance dynamics, including factors such as the guitarist's picking attack, touch, and volume/tono settings.
MD-2: The MD-2 can be extremely distorted with fat and deep characteristics, while not obliterating the original guitar tone.



CS-3 Compression Sustainer

Improves Your Overall Tone
Compresses louder signals while boosting lower signals for smooth sustain without degrading the original sound quality. Onboard EQ provides precise tonal control; low-noise design for super-quiet operation.



GE-7 Equalizer

Powerful 7-Band EQ!
Shape your sound and eliminate feedback with seven bands of equalization. Includes frequencies ranging from 100Hz to 6.4kHz with a powerful 15dB boost/cut per band.



GEB-7 Bass Equalizer

Precise Tonal Control
With a frequency range from 50Hz to 10kHz, the GEB-7 is ideal for any bass guitar, including 5-string basses. Seven bands of EQ are available, affording greater control over the crucial midrange.



AC-2 Acoustic Sim

Impressive Acoustic Sounds!
Turn your electric guitar into an acoustic using four distinct modes: Standard, Jumbo, Enhance, and Piezo. Two individual outputs permit instant switching between different amps (one for electric sounds; one for acoustic).



CEB-3 Bass Chorus

A Chorus Pedal with Built-in Crossover
A split-frequency chorus capable of applying warm, rich chorus to higher frequencies without muddying the lows. A space synthesis effect guarantees a natural and spacious chorus effect.



TR-2 Tremolo

Classic Tremolo Sounds!
Reproduces the classic tremolo effects of vintage '60s amps using a Low Frequency Oscillator (LFO). LFO waveform is variable from triangle to square for producing a variety of classic tones.



BF-3 Flanger

The Flanger Gets a Face-Lift
The thickest stereo flanging sounds ever in a BOSS pedal. Ultra mode produces BOSS's deepest flanging sounds ever, while Gate/Pan creates spacious flanging with a cool Slicer effect that seems to "swirl" around the listener.



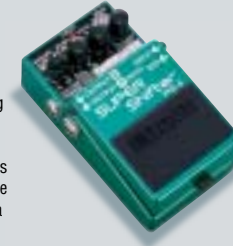
PH-3 Phase Shifter

Modern Phasing with Tap Tempo Sync
Vintage BOSS phasing effects including 4-, 8-, 10-, and 12-stage phasers, plus new "Rise" and "Fall" effects for unidirectional phasing. Tap tempo sync or realtime control of rate via an Expression/Pedal input.



PS-5 SUPER Shifter

Pitch Shifting and Beyond
Combines intelligent pitch shifting (+/- octaves) and harmonist functions with new Tremolo Arm/Flutter effects. Tremolo Arm bends notes to a pre-selected value while Flutter simulates the slapping of a tremolo bar.



LS-2 Line Selector

Simplifies Your Setup
The easy way to switch settings among several effects or amplifiers, or route input and output signals. When used with an AC adaptor, the LS-2 can supply power to several BOSS compact pedals.



DD-3 Digital Delay

Pro-Quality Delay in a Compact Pedal
A powerful delay pedal with three distinct modes. A variable Delay Time control creates delays from 12.5ms to 800ms, while a Hold function is capable of producing repeats from here to infinity.



RV-5 Digital Reverb

Pro-Quality Reverb — In Stereo
The RV-5 Digital Reverb gives you six of BOSS's best reverbs — including spring reverb emulation, gate reverb, and an all-new "Modulate" mode — in a true stereo pedal.



LMB-3 Bass Limiter Enhancer

Smooth Tone, Every Time
Smooths out your playing by eliminating harsh volume peaks, even when using dynamic slap and pop techniques. Ratio and Threshold knobs allow precise control of limiting parameters.



DD-6 Digital Delay

Up to 5,200ms of Delay!
The DD-6 Digital Delay is BOSS's flagship compact delay pedal — with up to 5,200ms of delay, sound-on-sound recording, tap tempo, plus unique Reverse and Warp effects.



NS-2 Noise Suppressor

A "Must-Have" Pedal!
Eliminate unwanted noise and hum without altering your tone. A unique noise detection circuit preserves the natural attack and envelope, leaving your playing and dynamics intact.



SYB-5 Bass Synthesizer

Synth Power Under Your Foot
Utilizing the latest in DSP technology, the SYB-5 faithfully reproduces the classic sound characteristics of analog synthesizers. The 11 internal sounds are supercharged for thick, aggressive tone.

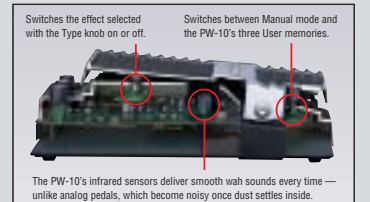


V-WAH PW-10 Wah Pedal COSM

The World's First Modeling Wah Pedal!

The amazing BOSS PW-10 V-Wah® is likely to be the last wah pedal you'll ever need or want. This first-of-its-kind programmable modeling wah uses COSM technology to recreate some of the most popular wah pedals in history. These include "CBY-Wah" (the classic wah sound), "VO-Wah" (the British wah sound), "MO-Wah" (a popular new-school wah sound), and "Uni-V" (a vintage swirling rotary effect).

But the PW-10 doesn't just do wah; it also creates analog synth-like sounds via its "Double Resonance" mode and cool "talking" sounds in "Voice" mode. Eight types of overdrive sounds are also included, which can be dialed in with the Drive knob. Special infrared sensors give this wah smooth and noise-free sound, while three digital memories make it easy to recall your favorite settings. To try it is to love it!



COSM WAH TYPE				OD/DS TYPE			
CUSTOM VO-WAH	ADVANCED MO-WAH	VOICE BLUES OD	CBY-WAH UNI-V	METAL ZONE DISTORTION	MUFF FUZZ TURBO OD	VINTAGE OD BLUES OD	GVV DIST BOOSTER

High-Quality Pedals for Guitar and Keyboards

FV-300L Volume/Expression Pedal

The FV-300L is a sturdy, stage-ready volume pedal with a low-impedance design perfect for keyboards or for connecting after effects units.



FV-50L Volume Pedal

The low-impedance FV-50L is designed for connection after effects units or for use with keyboards.



FV-50H Volume Pedal

The high-impedance FV-50H is designed to be connected before guitar effect units in the signal chain.



Info Bytes

Popular Pedals for Bassists

While not specific to bass, these pedals can be very useful for great bass sounds.
CS-3: Unique, biting compression gives your bass maximum punch.
PH-3: Add phasing effects and aggressive animation. Jet phasing sounds are also great for bass.
MT-2: Freely transform your bass sound from mild to aggressive by using 3-band EQ.

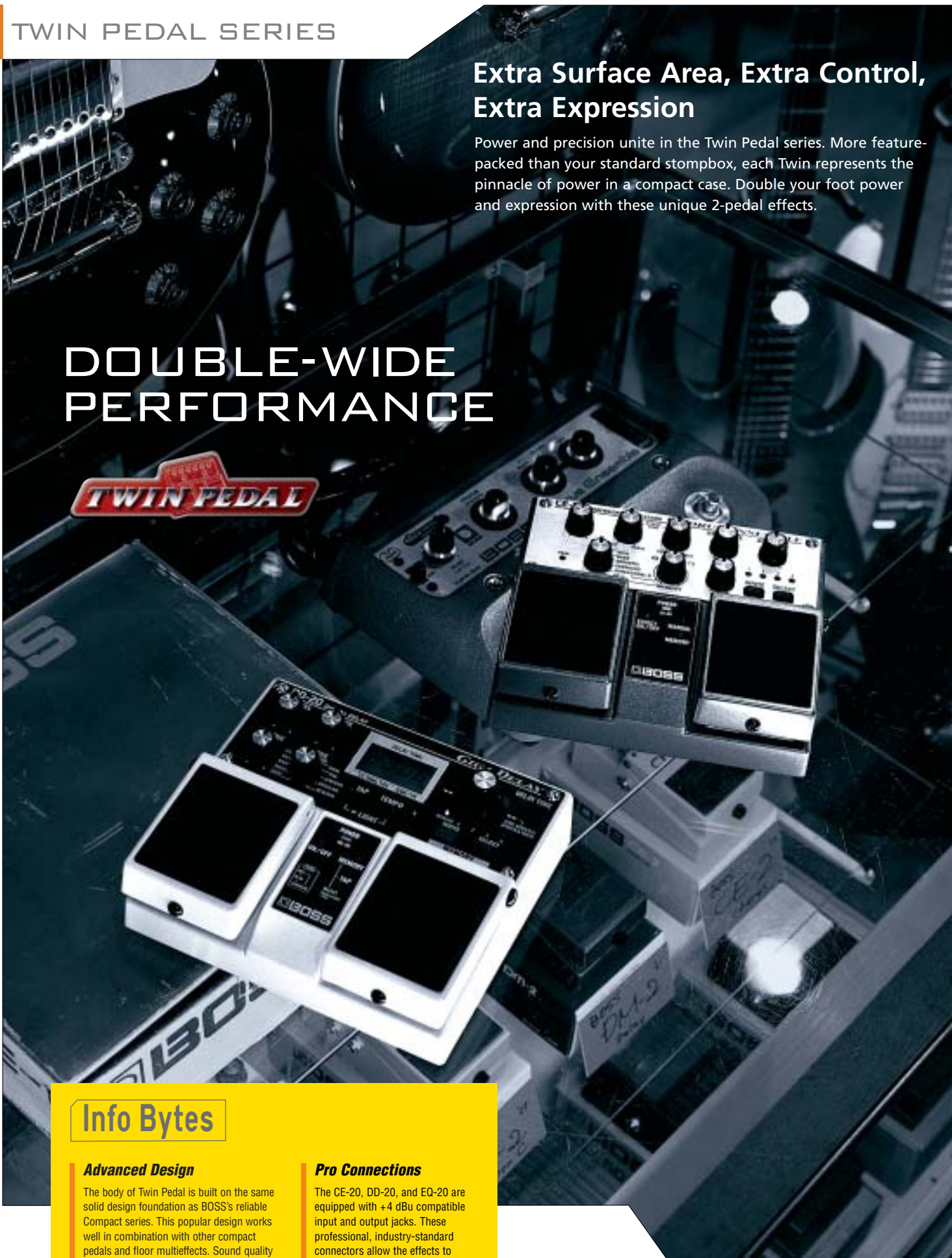
Digital Delay Classics

Add depth and motion with these famous delay effects.
DD-3: This top-selling classic imparts a musically pleasing delay characteristic with outstanding sound quality and simple operation.
DD-6: This popular pedal offers delay/hold times of up to 5.2 seconds, and adds sound-on-sound recording, tap tempo, and expressive reverse and warp effects.

Extra Surface Area, Extra Control, Extra Expression

Power and precision unite in the Twin Pedal series. More feature-packed than your standard stompbox, each Twin represents the pinnacle of power in a compact case. Double your foot power and expression with these unique 2-pedal effects.

DOUBLE-WIDE PERFORMANCE



DRIVE ZONE OD-20 OVERDRIVE/DISTORTION COSM

22 Overdrive/Distortion Pedals Right Beneath Your Feet!

The OD-20 Drive Zone uses advanced COSM® technology to model the sound of classic overdrive/distortion pedals, as well as creating new sounds of its own. There are 22 models to choose from, plus new "Attack Shape" and "Heavy Octave" parameters for dialing in subtle nuances or extreme tones. Four User memories store your settings, while an Amp Control jack lets you switch amp channels remotely.



CHORUS ENSEMBLE CE-20 DIMENSIONAL PROCESSOR

BOSS's Ultimate Chorus Pedal

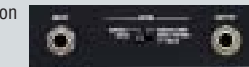
The CE-20 Chorus Ensemble is the culmination of over 25 years of BOSS chorus experience. This programmable chorus pedal not only models classics such as the CE-1 and SDD-320, but creates entirely new effects, including chorus for bass and acoustic guitar. New "Brilliance" and "Ambience" knobs offer unprecedented realtime control over the chorus tone — making the CE-20 a pedal no guitarist should be without.



ADVANCED EQ EQ-20 GRAPHIC EQUALIZER

The World's Most Powerful EQ Pedal

The EQ-20 Advanced EQ gives guitarists, bassists and other live performers 10 bands of programmable digital EQ with stellar sound quality. Physical sliders make instant EQ tweaks easy, and a straightforward Write function permits instant storage of EQ settings into nine memory locations.



GIGA DELAY DD-20 DIGITAL DELAY

BOSS's Next-Generation Delay

The DD-20 Giga Delay provides up to 23 seconds of delay with easy adjustment via push-button knob or tap tempo. With a choice of 11 modes — including new "Smooth" and "Twist" delays and sound-on-sound recording — this is BOSS's finest delay pedal to date.



LOOP STATION RC-20XL PHRASE RECORDER

Build the Ultimate Solo Live in Real Time

Explore the expressive options of sound-on-sound performance by layering your own phrases to create a massive "one-person band" experience. Stack as many layers as you like until you fill up the 16 minutes of ample recording space. Build the ultimate solo, and do it all live in real time with hands-free, footpedal-based operation! After you've dazzled the crowd with your layered masterpiece, bring it to a proper end with one of the three Stop options — immediate stop, end-of-phrase stop, or fade it out.



OPERATION EXAMPLE "SOUND ON SOUND"



Info Bytes

Advanced Design

The body of Twin Pedal is built on the same solid design foundation as BOSS's reliable Compact series. This popular design works well in combination with other compact pedals and floor multieffects. Sound quality and physical build are uncompromised in this exceptional series.

Pro Connections

The CE-20, DD-20, and EQ-20 are equipped with +4 dBu compatible input and output jacks. These professional, industry-standard connectors allow the effects to perform at full capacity without reducing levels from the guitar amp.

TU

TIME-TESTED TUNING

BOSS — the Most Trusted Name in Tuning

The famous TU-series incorporates BOSS's world renowned tuner technology into an ultra-convenient, portable package. Accurate and easy to use, BOSS tuners let guitarists and bassists prepare for performance with versatility and reliability.



TU-2 Chromatic Tuner

Convenient Pedal-Based Tuning

Legendary BOSS tuning in a convenient, easy-to-use compact pedal design. A 7-segment LED and 11-point Stream Meter ensure accurate tuning, even in low-light settings or under bright stage lights.



TU-80 TUNER & METRONOME

Stay In Tune — and In Time

This affordable tuner boasts super-accurate LCD tuning, reference tone, Accu-Pitch, and metronome function.



TU-15 CHROMATIC TUNER

The flagship Tuner with Accu-Pitch™

The TU-15 is BOSS's ultimate tuner, offering renowned needle-point accuracy, backlit design, flat tuning and a host of "world's first" features not found in any other tuner — including new Accu-Pitch and Octave Adjust functions.



TU-12 CHROMATIC TUNER

The Industry Standard

The worldwide standard used by top musicians everywhere, thanks to extremely accurate, easy-to-use tuning.



TU-12H CHROMATIC TUNER

Great for Woodwinds and Brass!

Offers an extended tuning range of C1 to B6 for tuning a variety of instruments including guitar, bass, woodwind, brass, and ethnic instruments.

Info Bytes

Visual & Audio Accuracy

BOSS TU-series tuners boast backlit needles, LED indicators, pin-point accuracy, and the Accu-Pitch function (TU-15/-80 models), which provides an audible completion signal. These precise, easy-to-use tuning features put the TU-series at the head of the class.



AD

TONE-TESTED TECHNOLOGY

Enhance the Clarity, Warmth, & Richness of Your Acoustic Instrument

Who says stompboxes are just for electric guitarists? BOSS proudly offers a trio of specialized processors for piezo-equipped acoustic guitars. Prepare to be amazed as your instrument transforms under the control of COSM®-powered modeling. Acoustic pickups often diminish the full-bodied sound of an acoustic guitar, and can significantly alter the beautiful tone of the instrument. The AD-series can give piezo-equipped acoustic guitars the warm tone of a properly miked acoustic sound in the studio.



AD-8 ACOUSTIC GUITAR PROCESSOR **COSM**

Unlock Your Instrument's True Potential

A dream machine for acoustic guitarists who want to improve their sound, the AD-8 can enhance any piezo-equipped steel-string with the warmth and tonality of the world's finest acoustic guitars via advanced COSM modeling. Six guitar models are provided, with dedicated controls for body resonance and string enhancement. The AD-8 also offers automatic feedback elimination, high-quality reverb, 4-band active EQ, an onboard chromatic tuner with Mute, four preset memory locations for switching sounds instantly, and balanced XLR outputs.



AD-5 ACOUSTIC INSTRUMENT PROCESSOR

An Acoustic Musician's Best Friend

Studio-quality acoustic-electric guitar preamp/DI box specially voiced for acoustic instruments. Includes anti-feedback controls, mic distance and body resonance simulation, plus onboard reverb and chorus.



AD-3 ACOUSTIC INSTRUMENT PROCESSOR

Floor-Based Acoustic Processing

Incorporates many of the AD-5's outstanding features — such as anti-feedback processing, reverb and chorus effects — into a rugged, floor-based unit with stompbox simplicity.

Info Bytes

Gig Ready

Equipped with the XLR balanced outs, the AD-8 can be directly connected to a PA without the need for a DI box. Also, the individual unbalanced outs enable use with guitar amps for stage monitoring. If you would like to switch guitars on stage, the Tuner mode allows quick and silent changes with its mute function.

PLUG INTO THE BEST OF BOSS

Two Tons of Tone in a Rack

Double your power, double your tone — the new GT-PRO is driven by a dual COSM® effects engine and an expansive I/O section. It's the perfect front-end for driving a wall of powered cabinets or for direct, pro-grade recording applications. Whether on stage or in the studio, you'll be amazed at how much power and performance this top-quality rack has to offer.

GT-PRO

GUITAR EFFECTS PROCESSOR

Pro Specs

Drive your tone in luxury through the GT-PRO's top-grade circuitry and balanced outputs. Thanks to its improved signal-to-noise ratio, the GT-PRO offers an incredibly pure signal path. Use the GT's advanced tools to design your own original guitar sounds for stage and studio.

Dual COSM Preamps

With its dual COSM amp-modeling engine, the GT-PRO allows you to construct towering tones by combining any two of the 46 amp models — then layer, switch, or pan between them as you play. Amp channels and effects can even be controlled according to how hard you play (picking dynamics).



Flexible Connectivity

No matter how simple or complex your programming and patching needs are, the GT-PRO has the I/O options and routing flexibility pro's demand, including XLR outputs, three sets of send/returns, and a 24-bit coaxial output for pristine, high-resolution recording.



USB Connection

For quick and easy computer interfacing, the GT-PRO provides a USB port for one-cable data transfer and audio flow. Complicated settings are made easy by using the bundled PC/Mac-based editor/librarian software. You can instantly recall all of your settings for live gigs and recording sessions from your PC with a single USB connection.



FORGING
THE
FUTURE

GT-PRO

The Dual-COSM® Power Rack

For the guitarist who's looking to upgrade his or her tone pallet, who demands rock-solid reliability, who needs extremely flexible signal routing and I/O options, the new BOSS GT-PRO is a grand-slam. Plug in, turn on, and experience the very best of BOSS with the GT-PRO.

For Stage or Studio, the GT-PRO is Built to Satisfy the Most Demanding Professional

Powerful Dual COSM Amps

The GT-PRO's dual COSM amp modeling engine allows unprecedented tone exploration by combining two amp models, or by switching between them during performance. Tap into the expressive Dynamic mode, where two channels can be controlled based on picking strength. Transition smoothly from clean to mean by simply picking harder or softer.

Meticulous COSM Editing

The GT-PRO crushes the competition with its unique and powerful COSM editing. Thanks to BOSS's advanced physical modeling, you take complete control over your tone by constructing your virtual rig from scratch, including the choice of speaker types, microphone amp position, and more.

Solo Switch

The 46 COSM amp models built into the GT-PRO contain a specially programmed variation that's optimized for soloing. Simply click the Solo switch to activate the lead tone, and off you go — it's like having a separate solo channel on every COSM amp!

Extreme Effects

Looking for BOSS's best effects? You'll find them here. As the top of GT line, the GT-PRO provides 44 effects categories, with 200 preset- and 200 user-patch locations. Choose from compressors, overdrives, delays, reverbs, choruses, EQs, wahs, and dozens of other BOSS-quality effects — including a sitar and acoustic guitar emulator onboard.

Flexible Effects Chain

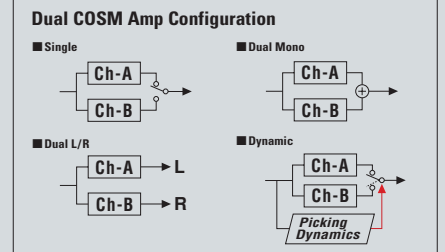
Prepare to be impressed with the GT-PRO's flexible effects chain. Internally, the 15 effects blocks can be configured in any order you desire; externally, a trio of stereo effects loops plus an array of assignable outputs enables the most flexible signal-routing configurations.

2-Channel External Amp Control

The GT-PRO provides two Amp Control jacks, which can be programmed independently to switch amp channels, operate external effects, and more.

2-Channel individual Stereo Outs

I/O flexibility is the name of the game with the GT-PRO, as it also provides four 1/4-inch analog audio outputs, a pair of balanced XLR outputs, and three pairs of effects send/returns. If you wish to add some serious settings for the stage environments, you can split the signals independently to a couple of guitar amps and go to the PA with the stereo Sub Outs at the same time.



COSM GUITAR PREAMP TYPE			COSM OD/DS TYPE			EFFECT LIST			COSM COMPRESSOR TYPE		
JC CLEAN JC-120 Warm Clean Jazz Combo Full Range Bright/Clean	COMBO VO Drive VO Lead MATCH Drive Fat MATCH MATCH Lead	MS1959(+H) MS HighGain Power Stack	HIGH GAIN SLOD Drive Stack Lead Stack Heavy Lead	BOOSTER Booster Blues OD Crunch	CLASSIC RAT GUV DS DST+	LOUD Lead Sharp Mechanical	FX-1/2 ADY COMP LIMITER T. WAH AUTO WAH TONE MODIFY GUITAR SIM TREMLO PHASER FLANGER PAN VIBRATO UNI-V RING MOD SLOW GEAR DEFRETTED SITAR	FEEDBACKER ANTI-FEEDBACK HUMANIZER SLICER WAVE SYNTH SUB EQ COMP EQ WAH LOOP DD/DS RING MOD SLOW GEAR DEFRETTED SITAR	REVERB FX-2 HARMONIST PITCH SHIFTER PEDAL BEND OCTAVE ROTARY 2x2 CHORUS AUTO RIFF GUITAR SYNTH AC PROCESSOR SOUND HOLD SUB DELAY NOISE SUPPRESSOR FOOT VOLUME	BOSS Comp Hi-BAND Light D-Comp	Orange Fat Mid Stereo Comp
TW CLEAN Clean TWIN Pro Crunch Tweed Warm Crunch	BG LEAD BG Lead BG Drive BG Rhythm Smooth Drive Mild Drive	R-FIER R-FIER Cin R-FIER Raw R-FIER Vnt1 R-FIER Mdn1 R-FIER Vnt2 R-FIER Mdn2	METAL S150 Drive Metal Stack Metal Lead	NATURAL Natural OD Turbo OD Fat OD	SOLID Solid DS Mid DS Stack	FUZZ '60s FUZZ Oct FUZZ MUFF FUZZ				BOSS Limiter Rack 150D	Vtg Rack U
CRUNCH Crunch Blues Wild Crunch StackCrunch	MS STACK MS1959(I) MS1959(II)	T-AMP T-AMP Clean T-AMP Crunch T-AMP Lead Edge Lead		DIST Distortion Mild DS Drive DS	MODERN Modern DS Power DS R-MAN					CRY WAH VO WAH Fat WAH	7String WAH Reso WAH



GT-PRO GUITAR EFFECTS PROCESSOR COSM USB

15 GT-PRO

16 GT-PRO



Control the GT-PRO from the floor with BOSS's FC-200 or GFC-50 foot controller

FC-200 Roland MIDI FOOT CONTROLLER



GFC-50 Roland FOOT CONTROLLER

MSC-50 Roland MIDI Cable (5.0 m)

MSC-25 Roland MIDI Cable (2.5 m)

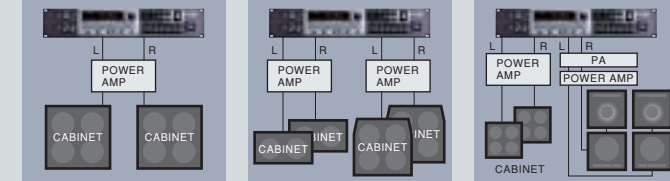
MSC-15 Roland MIDI Cable (1.5 m)

Computer-Friendly Design

For one-cable patch management and advanced sound design, a USB port is provided for connecting the GT-PRO to a computer of your choice; the GT-PRO comes with Mac/PC editor/librarian software at no additional cost. In addition, it provides USB-Audio functionality.

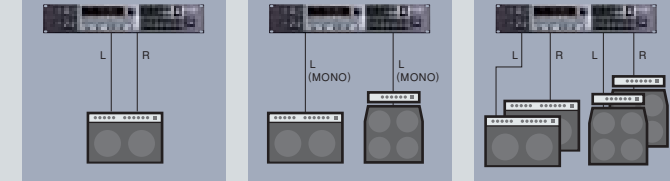


Connecting With Power Amps, Plus Cabinets



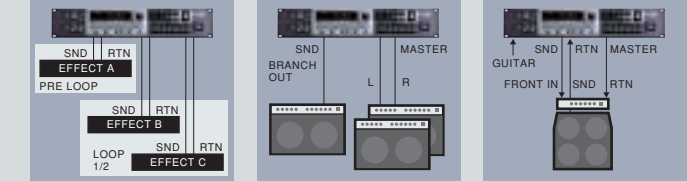
Connect the stereo outputs to a single power amp for Dual mode or stereo effects. Connect each output channel to individual power amps and cabinets. You can designate the output channel per Patch. Connect the Sub outs to a stage PA. Another channel is used for monitoring.

Connecting With Guitar Amps



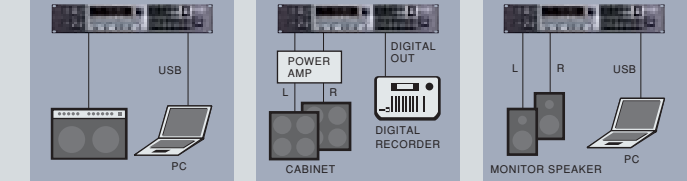
Connect to the JC-120. Using JC's stereo return jacks, you can take advantage of the GT's stereo effects. Using two individual outputs, you can select guitar amps with the patches you've programmed. In the same way, you can freely control stereo sounds with four guitar amps.

Using the GT-PRO's Effects Loops



Up to three external effects can be used. You can assign effects loops ON/OFF per Patch. Pre loop is used for a branch out. Removing the direct sound from the Master outputs, you can divide dry and wet sound. Connect a guitar amp's send/return to the GT's Pre loop. You can select each preamp case by case.

For Recording



Record to DAW software through the GT's USB port. The same sounds can be monitored through your guitar amp. Using GT's digital output, you can immediately record your live performance with pristine quality. The GT-PRO is useful for post-production. After recording, you can reamp your dry guitar sound with a single USB connection.

Info Bytes

Flexible Setups with Output Select

The GT-PRO is equipped with an Output Select function, which enables you to select between eight types of output presets, such as JC-120, COMBO AMP, STACK AMP, LINE, and etc.

FORGING
THE
FUTURE

MULTI-EFFECTS PROCESSING POWER

Advanced Processors for Floor & Desktop

Trusted by the world's greatest players, BOSS's flagship multi-effects processors deliver unsurpassed sound quality and programming flexibility for both stage and studio.

GT
GT-8/GT-6B

Professional Multi-Effects for Guitar and Bass

■ COSM® Powered

High-powered COSM amp engines are built into the GT-series processors, providing realistic, high-quality modeling of vintage amps as well as innovative new amp sounds. Each amp has been faithfully modeled, but the GT-series also allows you to create original, never-before-heard tones as well.



■ Pro Effects

The GT-series provides a virtual mountain of expressive, pro-grade effects. Effect blocks can be used simultaneously to create complex textures and routings. Place the effects in any order, quickly and easily. Drive it all from the built-in Control switches and pedal. From subtle to sizzling, where will you take your tone?

■ Ultra-Flexible Editing

Freely customize your sounds and setups with ease. The GT-series provides the freedom to create a universe of layered sound, with its flexible setup configurations and wide-ranging parameters.

ME
ME-50/ME-50B

Powerful Multi-Effects with Stompbox Simplicity

■ Fast & Friendly

No menus to navigate. Just plug in, and get down to business. This floor-based multi-effects processor is built with the simplicity of a stompbox, focusing on killer multi-effects (such as COSM overdrive and distortion), rather than amp modeling.



■ Hands-On Control

Dialing in your tone is easy, thanks to ME's dedicated knobs for each effect section, three footswitches, and a built-in expression pedal. Great-sounding effects without all the menu surfing!

■ Road Tough

Like all other BOSS effects, the ME-series processors are easy to transport yet built to withstand the punishment of constant gigging. BOSS effects are tortured tested, and road ready.

GS
GS-10

Powerful, Friendly Recording for All Musicians

■ Studio Smarts

This advanced multi-purpose processor provides a virtual truckload of COSM modeled amps and multi-effects for guitar, bass, and even vocals. Inputs are provided for Guitar/Bass, microphone (XLR), and stereo Auxiliary, making it especially well suited for the studio.



■ Computer Friendly

The GS-10 provides a USB port for easy connection to PCs and Macs. It comes with Cakewalk Music Creator recording software for PC, plus a dedicated GS-10 computer editor.

■ Speakers Built-In

Take the GS-10 anywhere. Plug in and play — no external monitoring required, thanks to the super-handly built-in stereo speaker system.

17

MULTI-EFFECTS SERIES

18

MULTI-EFFECTS SERIES

GT

Command the Stage with GT

For the ultimate in power and convenience onstage, plug into a BOSS GT-series floor effects processor. These COSM®-equipped, all-in-one effects units are attractive yet tough, and provide towering tone.

Flagship Multi-Effects Floor Processor

■ Dual COSM Amps

Feel the power of the GT-8's dual COSM amp modeling engines. Explore new sonic dimensions by combining two amp models, or by switching between them during performance. Tap into the expressive Dynamic mode, where two channels can be controlled based on picking strength. Transition smoothly from clean to mean by simply picking harder or softer.

■ Solo Switch

Each of the GT-8's 46 COSM amp models contains a specially programmed variation that's optimized for soloing. Simply click the Solo switch to activate the lead tone, and off you go — it's like having a separate solo channel on every COSM amp!

■ Extreme Effects

Forty-four effects categories are built into the GT-8. Up to 13

effect blocks can be used simultaneously to create complex textures and routings. All of your FX bases are covered — compressors, reverbs, choruses, EQs, COSM-modeled wahs, and much more. There are 200 preset patches included, plus 140 user patches for storing your custom amp/effects creations.

■ Connectivity

The GT-8 is stocked with enough I/O options to satisfy even the most demanding pro. In addition to its stereo analog outs, the GT-8 offers a 24-bit coaxial output for ultra-clean digital transfer, an Amp Control jack for switching between two amp channels on an external amp, an external expression/control pedal input, effects send and returns, MIDI in and out, and a headphone output.

■ Flexible FX Routing

Another area where the GT-8 stomps the competition is in its powerful effects routing. Internally, the 13 FX blocks can be configured in any order you desire (for example, you can freely assign an equalizer after a distortion effect or before it). And if

you'd care to take your tone "outside the box" and incorporate some external effects into the GT-8's signal path, you can do so with the Ext Loop send and return. Flexibility in routing is the name of the game.

■ COSM GUITAR PREAMP TYPE			■ COSM OD/DS TYPE			■ EFFECT LIST				
JC CLEAN JC-120 Warm Clean Jazz Combo Full Range Bright/Clean	COMBO VO Drive VO Lead VO Clean MATCH Drive Fat MATCH MATCH Lead	MS1959(I+II) MS HGain Power Stack	HIGAIN SLOV Drive Stack Lead Stack Heavy Lead	BOOSTER Blues OD Crunch	CLASSIC RAT GUV DS DST+	LOUD Lead Sharp Mechanical	FX-12 ADV COMP LIMITER T. WAH AUTO WAH TONE MODIFY GUITAR SIM	FEEDBACKER ANTI-FEEDBACK HUMANIZER SLICER WAVE SYNTH SUB ED	REVERB FX-2 HARMONIST PITCH SHIFTER PEDAL BEND OCTAVE ROTARY	COSM COMPRESSOR TYPE BOSS Comp Orange Hi-BAND Fat Light Mild D-Comp Stereo Comp
TW CLEAN Clean TWIN Pro Crunch Tweed Warm Crunch	BG LEAD BG Lead BG Drive BG Rhythm Smooth Drive Mild Drive	R-FIER R-FIER Cln R-FIER Raw R-FIER Vnt1 R-FIER Vnt2 R-FIER Mnt2	METAL S150 Drive Metal Stack Metal Lead	NATURAL Natural OD Turbo OD Fat OD	SOLID Solid DS Mid DS Stack	FUZZ 80s FUZZ Oct FUZZ MUFF FUZZ	COMP EQ WAH LOOP OD/DS PREAMP/SPEAKER DELAY CHORUS	COMP TREMLOLO PHASER FLANGER PAN VIBRATO LUN-Y RING MOD SLOW GEAR DEFRETTER SITAR	NOISE SUPPRESSOR FOOT VOLUME	COSM LIMITER TYPE BOSS Limiter Vtg Rack U Rack 16DD
CRUNCH Crunch Blues Wild Crunch StackCrunch	MS STACK MS1959(I) MS1959(II)	T-AMP T-AMP Crunch T-AMP Clean T-AMP Lead Edge Lead		OD OD-1 T-Scream Warm OD	MODERN Modern DS Power DS R-MAN				COSM WAH TYPE CRY WAH Light WAH VO WAH 7String WAH Fat WAH Reso WAH	



Professional Bass Multi-Effects with COSM Technology

■ Pro Features

The GT-6B is a pro-caliber floor-based processor for bass, with COSM Bass Amp Modeling, modeled compression, plus other "must-have" effects such as COSM overdrive/distortion, COSM wah, and reverb/delay. There's also a true analog bypass, and XLR and digital outputs with 24-bit converters for recording applications, providing uncompromised sound quality.

■ COSM Bass Amp Models

The GT-6B provides six authentic COSM bass amp models, recreating the tone and characteristics of some of the greatest bass amps and speaker cabinets in history. Why settle for just one bass amp sound when you can have the power of six classics in one convenient box?

■ Bass Effects with COSM modeling

In addition to its amazing amp models, the GT-6B provides a world-class lineup of effects, including COSM-powered compression effects modeled after four famous compressors. Other effects include Auto Slap, sound-on-sound looping, and BOSS's best synth-bass sounds with incredible tracking.

■ Versatile Performance Controls

Pilot the GT-6B with ease and enjoyment, thanks to its friendly, ultra-intuitive interface with analog-style knobs. Inject extra color and tonal animation into your performances with the GT-6B's built-in expression and control pedals.

■ EFFECT LIST			■ COSM BASS PREAMP TYPE			■ COSM SPEAKER TYPE		
COMP/LIMITER OD/DIST OVERDRIVE DISTORTION FUZZ	WAH PEDAL WAH TOUCH WAH AUTO WAH	HARMONIST PITCH SHIFTER PEDAL BEND 2x2 CHORUS AUTO SLAP SHORT DELAY VIBRATO HUMANIZER TREMLOLO/PAN BASS SYNTH	FLIP TOP B MAN SESSION BASS 360 CONCERT 810	1x15" 4x10"	1x15" 8x10"	Original		
CHORUS REV/DLY/SOS REVERB DELAY REVERB&DELAY SOUND ON SOUND	FX-1 OCTAVE ENHANCER SLOW GEAR DEFRETTER RING MODULATOR		■ COSM OD/DS TYPE Blues OD Distortion Turbo OD GUV DS Bass OD Metal Zone	80s FUZZ Oct FUZZ MUFF	■ COSM WAH TYPE CRY WAH VO WAH Bass WAH			
PREAMP/SPEAKER 3 BAND PARAMETRIC EQ	FX-2 PHASER FLANGER	NOISE SUPPRESSOR FOOT VOLUME	■ COSM COMP/LIMITER TYPE BOSS Comp Rack 16DD D-Comp Vtg Rack U					

Info Bytes

Ultra-Flexible Effects Chain

Having the freedom to configure the effects chain in any order you wish is one of the keys to success when using multi-effects. A sound can be wildly different if an equalizer is used before a distortion, or after, for example. The GT-series proudly provides complete freedom over the preamp and effects chain routing.

ME

GS

EFFECTS TREASURE CHEST

Maximum Processing with a Minimal Footprint

Meet BOSS's famous floor-based multi-effects processors with ridiculously easy-to-use, intuitive interfaces. Best of all, there's a model for guitar and one for bass!

SOFTWARE/HARDWARE HYBRID

BOSS's Most Powerful Multi Effects System

Innovative multi-effects processing and an easy-to-use USB audio interface in one friendly package. The GS-10 lets guitar and bass players tap into 45 COSM amp models and unique BOSS effects, and record their performance directly to a computer.



ME-50 GUITAR MULTIPLE EFFECTS COSM

Killer Tone Meets Ease of Use

Meet the amazing multi-effects processor with the ruggedness and simplicity of a stompbox. The ME-50 features legendary BOSS effects — such as delay, flanger, and EQ — plus powerful COSM® Overdrive and Distortion Modeling. Dedicated knobs for each effect section make programming ultra-intuitive. No more menu-surfing.

- **OVERDRIVE/DISTORTION TYPE:** • DD-1 • NATURAL • DD-2 • CRUNCH • BD-2 • LEAD • DS-1 • LOUD • MT-2 • METAL • SCREAM • MODERN OD • DST+ • STACK • GUV • HI GAIN • RAT • MODERN DS • MUFF • SQUARE • FACE • OCT FUZZ
- **EFFECTS:** • TONE MODIFY • COMPRESSOR • CHORUS • PHASER • FLANGER • HARMONIST • TREMOLO • PAN • VIBRATO • UNI-V • ROTARY • DELAY • REVERB • NOISE SUPPRESSOR
- **EFFECTS FOR EXPRESSION PEDAL:** • FOOT VOLUME • WAH • RESONANCE • VOICE • RING MODULATOR • BEND (+1 OCTAVE, -1 OCTAVE)



ME-50B BASS MULTIPLE EFFECTS COSM

Big-Time Multi-Effects for Bass

Get world-class bass effects in a rugged floor unit. Forget about menus and cursor buttons. Just reach down and twist a knob! The compressor/limiter employs COSM modeling, and the 3-band EQ offers sweepable mids. Tap into the ME-50B's Sound Hold, Octave Up, Slow Gear, T-Wah, and Defretter. The ME-50B even offers sound-on-sound recording — complete with a cool Kick Drum effect for tapping in the beat.

- **COMPRESSOR/LIMITER:** • NATURAL • LIMITER • 160D SOFT • 160D HARD • D-COMP ■ **MASTER EQ:** • LOW • MID • MID FREQ • HIGH ■ **FILTER/TONE:** • T.WAH UP • T.WAH DOWN • T.WAH EDGE • OCTAVE UP • OCTAVE DOWN • SLOW GEAR
- DEFRETTER • ENHANCER • BOTTOM BOOST • MID SHAPE • HOLLOW ■ **DRIVE:** • NATURAL • BASS DRIVER • OVER DRIVE • DISTORTION • MUFF FUZZ • METAL • HI-BAND DRIVE ■ **SYNTH:** • SAW LEAD • MILD FILTER • DEEP FILTER • SQUARE
- **DELAY/MODULATION:** • TAP DLY • HOLD DLY • ANALOG DLY • 0-400 ms DLY • 300-1400 ms DLY • PHASER • FLANGER • CHORUS • CHO-DELAY • CHO-REVERB • REVERB ■ **PEDAL:** • FOOT VOLUME • WAH • RESONANCE • +1 OCTAVE • -1 OCTAVE • SOUND HOLD • KICK DRUM



Info Bytes

Perfect for Practice

You can connect a CD/MP3 player to the ME-50 and -50B through its AUX input. With headphones you can practice or jam along with your favorite song. Since the ME-50 is also equipped with a guitar amp simulator, you can practice with realistic guitar sound.



GS-10 GUITAR EFFECTS SYSTEM with USB AUDIO INTERFACE COSM USB

Advanced Modeling For The Tabletop

■ Amp & Effect Models

The GS-10 is powered by BOSS's most advanced COSM amp-modeling technology, giving guitar and bass players access to a wide range of vintage and modern effects.

■ Direct to Computer via USB

Record directly to your favorite computer software with pristine digital quality using the GS-10's onboard USB port. Audio tracks can also be processed through the GS-10 and re-recorded into your software.

■ Built-in Speaker

The GS-10's built-in stereo speaker system provides easy monitoring whether you're recording to a computer or just jamming. Make pro-quality recordings with nothing more than your guitar, the GS-10, and a laptop.

■ Bundled Software

The included GS-10 Editor software provides a friendly graphic environment for controlling the onboard effects. Arranged as a series of virtual compact pedals, the GS-10 Editor takes the mystery out of programming.

Celebrity GS-10 Patches Available Via Download!



Ready to inject some star power into your GS-10? BOSS has good news. Log onto www.bosscorp.co.jp, and grab custom patches from the likes of George Lynch, Yngwie Malmsteen, and Marty Friedman. And for some rippin' audio examples, log on to hear the GS-10 patches being played by Yngwie and Marty. Hendrix fans, there's a special bank of GS-10 patches waiting for you as well!

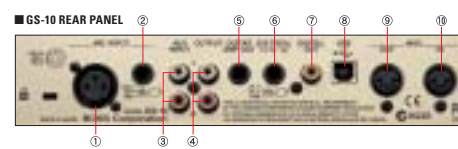
www.bosscorp.co.jp

COSM GUITAR PREAMP TYPE				EFFECT LIST				
JC-120	Crunch	B3 Lead	MS HiGain	T-AMP Lead	FX-1	RING MOD	FLANGER	SHORT DELAY
Jazz Combo	Blues	B3 Drive	Power Stack	SLOW	PEDAL WAH	FEEDBACKER	HARMONIST	HUMANIZER
Full Range	Wild Crunch	B3 Rhythm	R-FIER Red	Drive Stack	AUTO WAH	COMP	SLURR	PITCH SHIFTER
Warm Clean	VO Drive	Smooth Drive	R-FIER Org	Lead Stack	TONE MODIFY	OD/DS	OCTAVE	AUTO REB
Clean TWIN	VO Lead	MS1959 (I)	R-FIER Vnt	S150 Drive	ADV. COMPRESSOR	PREAMP/SPEAKER	PEDAL BEND	GUITAR SYNTH
Pro Crunch	MATCH Drive	MS1959 (II)	T-AMP Clean	Metal Stack	LIMITER	NS	2x2 CHORUS	BASS SIMULATOR
Tweed	Fat MATCH	MS1959 (III-B)	T-AMP Crunch	Metal Lead	ENHANCER	FV	PAN	STEREO EQUALIZER
					SLOW GEAR	FX-2	VIBRATO	DELAY
					TREMOLO	PHASER	UNI-V	CHORUS
					DEFRETTER		ROTARY	REVERB

COSM BASS PREAMP TYPE				COSM MIC PREAMP TYPE			
CONCERT B10	BASS 360	B-MAN	Bass Clean	Mic Preamp			
SESSION	FLIP TOP	FLIP TOP	Bass Crunch				
			Bass HiGain				

COSM OD/DS TYPE				COSM WAH TYPE				COSM SPEAKER TYPE			
Blues OD	Bass OD	DST+	Mechanical	CRY WAH	250mV WAH	Original	1x12	2x12	4x12		
Turbo OD	Distortion	Metal Zone	60s FLUZZ	VO WAH	Reso WAH	1x8"	1x15"	2x15"	8x10"		
Booster	RAT	R-MAN	Oct FLUZZ	Fat WAH	Bass WAH	1x10"	1x18"	4x10"	8x12"		
DD-1	GUVD DS	Heavy Metal	MUFF FLUZZ	Light WAH							
T-Scream	Mild DS	Loud									
Natural OD	Solid DS	Sharp									

COSM MIC TYPE			
DYN67	DYN21	CND451	CND87
			FLAT



- ① MIC Jack(XLR Type)
- ② MIC Jack(TRS)
- ③ AUX INPUT Jacks(L,R)
- ④ AUX OUTPUT Jacks(L,R)
- ⑤ GUITAR AMP OUT Jack
- ⑥ EXP PEDAL/CTL1,2 Jack
- ⑦ DIGITAL OUT
- ⑧ USB
- ⑨ MIDI OUT
- ⑩ MIDI IN

Info Bytes

Also Great For Bass, Vocals, & More

In addition to the full of guitar effects, the GS-10 boasts powerful bass effects, including GT-6's preamp models. A mic preamp and compressor are also built in for recording vocals, acoustic instruments, and many other useful purposes. A mic-dedicated XLR input is included as well.

MUSICIAN-FRIENDLY RECORDING FOR THE MASSES

BR

DIGITAL STUDIO

All-In-One Studios with CD-Burners Built In

There's a reason BOSS BR-series recorders are in such high demand. Bang for the buck, reliability, and versatility have made BOSS the most trusted and sought-after portable digital recorders worldwide. No matter which BR recorder you choose — the BR-1600CD, -1200CD or -900CD — you'll enjoy the following features common to all models:

Hassle-Free Recording

Simple four-step recording process! Realize your music, from concept to compact disc, with unprecedented speed and ease.



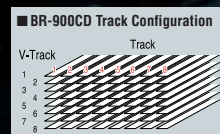
COSM® Amp & Effect Models

COSM powered modeling provides realistic emulations of vintage guitar amps, coveted compressors, and more. The BR-1600CD and -1200CD also offers COSM OD/DS models derived from BOSS's famous GT-Line multi-effects. Various modulation and ambience effects are also built in.



Stackable V-Tracks

Record, layer, and keep layering with no worries, thanks to the BR's abundance of virtual V-Tracks. The flagship BR-1600CD boasts huge 256 V-Tracks, and there are 64 V-Tracks even on the compact BR-900CD. You can stack your tracks without space concerns or time constraints.



Mastering Tools

Give your music a professional, polished sound with built-in, easy-to-use mastering effects. The quality of the BR's mastering tools will raise the quality of your music to a new level.

Powerful Rhythm Section

Generate convincing backing tracks with the BR's easy-to-use, onboard rhythm generator. The BR-1600CD and -1200CD provide a dedicated bass track and even audio loops. The BR-1200CD is newly equipped with the ultra-easy rhythm programming feature "EZ Compose."



Large Storage Capacity

Press RECORD and jam worry-free. BR recorders feature high-volume storage media, so you'll never miss that magic moment when it happens. The BR-1600CD/1200CD's 40GB hard drive allows over 120 hours* of high-quality linear recording time (maximum).
*conversion in one track

Computer Connectivity via USB

Need to exchange data with a computer? No problem. Each BR recorder comes equipped with a USB port for shuttling audio back and forth. It also supports WAV/AIFF import and export.



All-In-One Solution

Record, edit, process, mix, master, and burn — the BR series can do it all. No additional recording gear required. The BR-1200CD/-900CD's new Direct CD Bounce feature enables you to record your track and input mixes directly to CD-R/RW.



Perfect Vocals

Pitch-correction and intelligent harmony* tools onboard! Fix intonation problems and add backing vocals with ease.
*BR-1600CD and -1200CD only



BR-1600CD Version 2

DIGITAL RECORDING STUDIO
COSM V-LINK USB 40GB Hard Drive

Head Of The Family

Pro Features Meet Ease Of Use



Multi-Mic Recording

The BR-1600CD includes eight sweet-sounding XLR microphone inputs with phantom power. The BR-1600CD's Multi-Track recording mode eliminates confusing routing concepts, and includes essential channel effects such as a compressor, 3-band EQ, and low-cut filter.



Hassle-Free Recording

When recording, you can choose from 256 V-Tracks, allowing you to lay down as many guitar solos or vocal takes as needed. Once finished, you can select any 16 tracks for playback; there's 40GB of room for all your tracks and overdubs. And since it's digital, you get pristine sound quality and the benefit of non-destructive editing.

RECORD UP TO EIGHT MICROPHONES IN FOUR EASY STEPS!

- 1 Connect your microphones.** Adjust the Input Sens knobs and push the "Multi-Track" button to enter the Multi-Track mode.
- 2 Adjust the effects.** The "Multi-CH" effect preset will be automatically selected. Use the knobs for easy editing.
- 3 Push the Level Calibration button.** Send signal and push the "Calculate" button on the LCD to have your levels uniformly matched.
- 4 Push REC and PLAY.** Begin recording to tracks 1-8. You can also select tracks 9-16 as the destination.

Mind-Blowing Modeling

Plug into the BR-1600CD and you have an arsenal of world-class BOSS effects at your disposal: compression on eight channels, 3-band EQ on all 16 channels, separate insert processing with powerful COSM® overdrive/distortion, amp, and microphone modeling, plus modeling effects optimized for bass and acoustic guitar, and a separate reverb and chorus/delay processor. Forget about external effects — it's all here!

COSM MODELING LIST

COSM OVERDRIVE/DISTORTION										
BLUES OD	BOOSTER	AMERICAN DS	OD-1	OD-2	90S FUZZ	MT-2	HEAVY METAL			
TURBO OD	DISTORTION	GUV DS	T-SCREAM	BOSS FUZZ	MUF FUZZ	R-MAN	BASS OD			
COSM GUITAR AMP MODELING										
JC-120	PRO CRUNCH	SATX CRUNCH	MATCH DRIVE	80 DRIVE	MS1 H GAIN	SLDR	METAL STACK			
JAZZ COMBO	TWEEED	VO LEAD	FAT MATCH	MS1(1)	R-FIRE RED	DRIVE STACK	LEAD STACK			
FULL RANGE	CRUNCH	VO LEAD	FAT MATCH	MS1(1)	R-FIRE ORANGE	LEAD STACK				
CLEAN TWIN	BLUES	VO CLEAN	80 LEAD	MS1(+2)	R-FIRE VINTAGE	3150 DRIVE				
COSM BASS AMP MODELING										
AC	AMG	FLIP TOP	BASSMAN	BASS 300	T. E.	SESSION	CONCERT #10			

Vocal Tool Box

Vocals tracks will never be out of tune again, thanks to the BR-1600CD's powerful Vocal Tool Box features. You can also add a variety of realistic harmony parts with the easy-to-use note/chord sequencer feature, which creates harmonies via chord input!

Powerful Backing Tracks

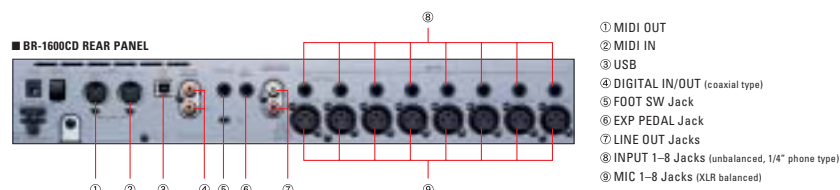
BOSS's Rhythm Track goes to the extreme. Now you get a separate Drum, Bass, and Loop Phrase track for creating complete backing arrangements. High-quality sounds and phrases are included, and you can even load in your own loops.

Audio/Video V-LINK

With V-LINK and an optional Edirol video editor, it's easy to control and manipulate video using the BR-1600CD's buttons and knobs.

Version 2 software includes the following updated features

- COSM Models added (derived from BOSS's GT-6B)
 - Enhanced Vocal Tool Box for better vocals and backings
 - MIDI Slave capable for control from external MIDI devices
 - BR-1180CD/1200CD data compatible
- Version 1 BR-1600CD can be upgraded to Version 2 via download.



Info Bytes

Ultra-Convenient Level Calibration
The BR-1600CD is equipped with an innovative feature called "Level Calibration," which allows you to instantly set each input to a uniform level. If you handle various types of mics or instruments, you can use this feature to set proper levels for all eight inputs quickly and easily.

BR-1200CD

DIGITAL RECORDING STUDIO
COSM USB 40GB Hard Drive

The Versatile, Power-Packed 12-Track

Complete Recording, from Guitar Pick to Compact Disc



Digital Recording, Non-Destructive Editing

For recording flexibility, the BR provides 192 V-Tracks (16 V-Tracks per primary track), allowing you to lay down as many guitar solos or vocal takes as needed. Once finished, you can select any 12 tracks for playback — plenty of room for all your instruments and overdubs. You can also get pristine sound quality and the benefit of non-destructive editing.

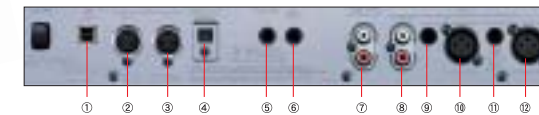
Multi-Effects & COSM Models

From full dunk to subtle sweetening, the BR-1200CD is equipped with a powerful multi-effects processor. A variety of COSM amp models are in the lineup, including Roland's JC-120, R-Fier, Metal Stack, BOSS Compact Pedal models such as OD-1 and MT-2, and more. Also onboard: a dedicated compressor and

COSM MODELING LIST

COSM OVERDRIVE/DISTORTION									
BLUES OD	DISTORTION	1 OD-1	90S FUZZ	MT-2	BASS OD				
TURBO OD	AMERICAN DS	T-SCREAM	ODT FUZZ	R-MAN					
BOOSTER	GUV DS	DS+	MUF FUZZ	HEAVY METAL					
COSM GUITAR AMP MODELING									
JC-120	TWEEED	VO LEAD	80 LEAD	MS1 H GAIN	DRIVE STACK				
JAZZ COMBO	CRUNCH	VO CLEAN	80 DRIVE	R-FIRE RED	LEAD STACK				
FULL RANGE	BLUES	MATCH DRIVE	80 RHYTHM	R-FIRE ORANGE	3150 DRIVE				
CLEAN TWIN	SATX CRUNCH	MATCH LEAD	MS1(1)	R-FIRE VINTAGE	METAL STACK				
PRO CRUNCH	VO DRIVE	FAT MATCH	MS1(+2)	SLDR	METAL LEAD				
COSM BASS AMP MODELING									
AC	FLIP TOP	BASS 300	SESSION						
AMG	BASSMAN	T. E.	CONCERT #10						

BR-1200CD REAR PANEL



a 3-band equalizer for each of the 12 channels, plus an independent reverb and chorus/delay.

Vocal Magic

Your vocal track(s) can be perfected with the BR-1200CD's Vocal Tool Box. This powerful set of editing tools can be used to fix incorrect pitch, and ensure that your vocal tracks always sound great. And if you're having trouble singing harmonies, the Vocal Tool Box can be used to create realistic harmony parts.

Backing Band Built In

Another distinguishing feature of the BR-1200CD is its world-class bass and drum programmer, packed with instruments and patterns to suit a variety of styles. Jam along with the supplied patterns or create your own from scratch. The EZ Compose feature makes ultra-realistic custom programming a snap. There's also a selection of great loop phrases pre-installed on the internal hard drive.

BR-900CD

DIGITAL RECORDING STUDIO
COSM USB 128MB CF Card Included

Mini-Mighty Studio with CD-Burner

Record, Mix, & Burn — Anywhere, Anytime



Eight Tracks & Beyond

No matter what you're recording, or where you are, the BR-900CD makes the job fast and fun. When recording, you can capture two tracks simultaneously, and layer up to 64 V-Tracks (eight V-Tracks per each of the main eight tracks). Once finished, you can select any eight tracks for playback. The BR-900CD can run on AC or battery power, which means you can now make professional-quality recordings any time, any place. BOSS even includes the AC adaptor.

Abundant Recording Time

There's no need to worry about running out of recording time with the BR-900CD. It can record directly to popular CompactFlash cards of up to 1GB capacity, which provides hours of recording time. The BR-900CD also has the ability to record directly to CD via its internal CD-R/RW.

RECORDING TIME (conversion in one track)

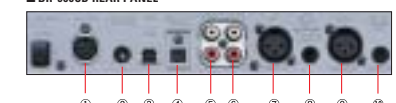
	32 MB	64 MB	128 MB	256 MB	1 GB
HiFi (MT2)	16 min.	32 min.	65 min.	130 min.	520 min.
Standard (LV1)	19 min.	39 min.	78 min.	156 min.	624 min.
Long (LV2)	24 min.	49 min.	98 min.	196 min.	784 min.

*The recording times shown above are approximate. Times may vary depending on the number of songs created.

Studio-Quality Effects with COSM Modeling

Proudly displaying the BOSS logo, the BR-900CD offers a lineup of quality effects that are worthy of the legendary name. In addition to the time-tested

BR-900CD REAR PANEL



standards (reverb, EQ, chorus, delay), the BR provides additional pro-quality effects, such as vocal pitch-correction, bass simulation, pedal wah, COSM-powered guitar amp and compressor models, and mastering tools.

Perfect Vocals

The vocal performance(s) can be perfected with the BR-900CD's pitch correction. This powerful set of editing tools can be used to fix incorrect pitch, and ensure that your vocal tracks always sound great!

Rhythm Programmer Onboard

Songwriters will love the BR-900CD's built-in rhythm programmer, packed with 294 expressive patterns. Use these realistic backing tracks as inspiration for both writing and recording. You can even customize your own beats using the handy Tone Load function.

Convenient Built-in Mic

BOSS thought of everything! The BR-900CD's built-in microphone is perfect for times when bringing a mic and cable along isn't practical.



DR-880 Dr. Rhythm *COSM TSC USB*

World's Best Rhythm Machine

The DR-880 is a rhythm-programming powerhouse that's loaded with world-class drum, percussion, and bass sounds. You can get microscopic with the DR-880 or use the EZ Compose and Groove Modify features, which allow complex patterns to be constructed without note-by-note programming hassles. Guitar and bass players can join the action by plugging directly to the DR-880's Guitar/Bass Input jack, and playing through the built-in COSM® Drive/Amp models and multi-effects.



EZ compose (Pattern)
You can create your own backing rhythms by simply selecting preset patterns for each instrument.



EZ compose (Chord Progression)
Realistic bass phrases can be easily created with chord progression templates.



Guitar Effects
Various types of guitar effects are included, such as powerful COSM amps, and acoustic and bass guitar effects.

DR-670 Dr. Rhythm

Killer Drums at an Amazing Price



A compact rhythm programmer with the acclaimed sounds from BOSS's higher-end models, the DR-670 raises the bar in its price class with a host of powerful features, including velocity-sensitive pads, 255 top-quality drum and percussion sounds, a bass part for programming bass lines, and more. A foot-control jack allows the DR-670 to be controlled by optional footswitch for hands-free operation.

DR-3 Dr. Rhythm *TSC*

Your Own Personal Drummer



BOSS's most affordable drum machine for jamming or practice offers realistic drum, percussion, and bass sounds. New Rhythm Progressions with variations also provide intuitive track arranging. There are 100 preset styles and 100 user styles onboard; user patterns can be programmed via realtime record or step entry. A footswitch input provides easy live control. The DR-3 runs on AC or battery power.

GROOVE TOOLS

Essential Session & Practice Partners

BOSS's famous Dr. Beat and Dr. Rhythm series live on with a new line that's more compact and powerful than ever before. Whether your needs are for simple, play-along timekeeping or full-blown rhythm programming, the world's best tools are right here.



DB-90 Dr. Beat

The Do-Everything Dr. Beat

Practice in style with the flagship of the Dr. Beat Metronome line. The new DB-90 is loaded with quality sounds and drum patterns, a Rhythm Coach function with onboard microphone, a reference-tone for tuning, an Instrument input, MIDI input, and a Note Mixing function for customizing the play-along rhythms.



DB-60 Dr. Beat

More Than a Metronome

The DB-60 is a deluxe metronome that can lay down the click in style. Program your own beats or choose from a variety of patterns. Tap in your tempo, and clock your practice with the Stop Watch and Timer features.



DB-30 Dr. Beat

The Take-Along Timekeeper

More than just a simple timekeeper, this pocket-sized metronome can lay down a variety of rhythm patterns and time feels. It offers tap tempo, internal reference tones (12 semitones), and other timekeeping features to make practicing fun.

Info Bytes

Ultra-Realistic Rhythm Creation

The DR-880 includes a variety of sequence phrases, which were input live by expert session drummers. You can precisely edit the grooves to your liking, even the ghost notes. Create patterns in real time by tapping the velocity pads. The DR-880 responds to any type of rhythm creation you can throw at it.

Realistic Ambience with TSC

The DR-880 and DR-3 are equipped with the TSC (Total Sound Control) function. This powerful tool lets you create pro-quality, spatially enhanced drum sounds with the touch of a button. TSC contains carefully edited templates, and provides a set of parameters that can be fully edited.

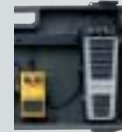
Essential Tools for The Working Musician



BCB-60 Pedal Board

Works with All BOSS Pedals!

The BOSS BCB-60 Pedal Board is a convenient way to set up and transport all your compact effects. The unique padded interior can be customized to fit a range of gear, while a built-in AC adaptor cranks out 1,000 mA of power — enough to run up to seven devices!



*Compact pedals and tuner not included and shown only for photography purposes.

VT-1 VOICE TRANSFORMER

Gender-Bending Vocal Effects!

The VT-1 is a unique device designed for altering and effecting the human voice. It provides everything from voice "thickening" to a full ± 1 octave pitch shift, allowing users to convincingly change their vocal gender. Unlike conventional pitch shifters, the VT-1 affords separate control of pitch and formant, so the user's voice can be altered without the "chipmunk" effect.



FS-6 DUAL FOOTSWITCH

Two For One

Two switches in one, BOSS's new FS-6 combines latch- and momentary-type switching into one unit. With two switches conveniently housed side-by-side, the FS-6 allows each switch to be set for latch or momentary operation. Pick the configuration that best suits your playing style and setup.



DI-1 Direct Box

High-Quality DI

The DI-1 is a high-quality direct box with crystal-clear sound for transforming high-impedance, unbalanced instrument outputs to the low-impedance, balanced inputs of a mixing console.



DR-80C Condenser Microphone

Roland

Large-Diaphragm Studio Microphone

The DR-80C is designed for professional singers and recording applications. It boasts low-noise performance, high-input handling, and wide dynamic-range compatibility. Dedicated shock-mount holder included.



DR-50



DR-30

DR-50/30 Dynamic Microphones

Roland

Two New Handheld Mics
The affordable DR-30 cardioid microphone is ideal for amateurs and karaoke enthusiasts, while the more advanced DR-50 is geared for professional live performance applications.



EV-5 Expression Pedal

Roland

Express Yourself

The EV-5 Expression Pedal can be used to control a range of functions and effects parameters in real time. It's ultra compact travel-friendly, and can fit perfectly onto guitar pedalboards or under synthesizer setups.

AB-2 2-WAY SELECTOR

Switch Guitars or Amps with a Stomp!

The AB-2 2-Way Selector can be configured as a two inputs/one output selector or a two outputs/one input selector—letting you freely switch between two instruments or two amplifiers, for example.



FS-5U Footswitch (Unlatch)

Unlatched

The FS-5U is a metal-cased momentary "unlatch"-type footswitch that can be connected using an ordinary guitar cable.



FS-5L Footswitch (Latch)

Latched

The FS-5L is a metal-cased latch-type footswitch with a LED to indicate status. It can be connected with a standard guitar cable.



PCS-20A 8PIN Parallel DC Cable Roland
(8 x DC Plug; 1 m)

PCS-31 Audio Cable Roland
(Stereo 1/4" ↔ 2 x 1/4"; 2.2 m)

MSC-50/25/15 MIDI Cables Roland
(5.0/2.5/1.5 m)

RH-200 Headphone

Roland

Pro Headphones

These state-of-the-art closed-ear headphones are comfortable and superb-sounding. They feature a 40 mm-diameter driver with neodymium magnet, and a versatile 1/8" stereo mini-plug with screw-on 1/4" adapter.



CM-30 CUBE MONITOR

Roland

The New Multi-Purpose CUBE

Versatile and portable, the new CM-30 CUBE Monitor delivers 30 watts of audio punch through a high-quality 6.5" coaxial 2-way speaker with stereo preamp. The CM-30 is ideal for home-studio and wide-ranging monitoring applications thanks to its compact and rugged design.



PSA-series AC Adaptor
(117/230/240 V)



ACA-series AC Adaptor
(117/230 V)



SPECIFICATIONS

COMPACT SERIES

[Compact Pedal Effects Specifications]

- **Dimensions** 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8")
- **Weight** (depending on the model) 400 to 450 g/15 oz. to 1 lb.
- **Accessory** Dry Battery ● **Option** AC Adaptor

SD-1 6

- **Controls** LEVEL, TONE, DRIVE ● **Current Draw** 4 mA (DC 9 V)

OD-3 6

- **Controls** LEVEL, TONE, DRIVE ● **Current Draw** 9 mA (DC 9 V)

BD-2 6

- **Controls** LEVEL, TONE, GAIN ● **Current Draw** 13 mA (DC 9 V)

OS-2 6

- **Controls** LEVEL, TONE, DRIVE, COLOR Knob (OD, DS) ● **Current Draw** 12 mA (DC 9 V)

DS-1 6

- **Controls** TONE, LEVEL, DIST ● **Current Draw** 4 mA (DC 9 V)

DS-2 6

- **Controls** LEVEL, TONE, DIST, TURBO [1, 2 (REMOTE)] ● **Current Draw** 12 mA (DC 9 V)

MD-2 6

- **Controls** LEVEL, TONE, BOTTOM, DIST, GAIN BOOST ● **Current Draw** 18 mA (DC 9 V)

MT-2 6

- **Controls** LEVEL, EQ (HIGH, LOW, MIDDLE, MID FREQ), DIST ● **Current Draw** 20 mA (DC 9 V)

QDB-3 6

- **Controls** LEVEL, HIGH EQ, LOW EQ, BALANCE, GAIN ● **Current Draw** 15 mA (DC 9 V)

CS-3 7

- **Controls** LEVEL, TONE, ATTACK, SUSTAIN ● **Current Draw** 11 mA (DC 9 V)

GE-7 7

- **Controls** Equalizer Control Sliders (100 Hz, 200 Hz, 400 Hz, 800 Hz, 1.6 kHz, 3.2 kHz, 6.4 kHz), LEVEL ● **Current Draw** 10 mA (DC 9 V)

GEB-7 7

- **Controls** Equalizer Control Sliders (50 Hz, 120 Hz, 400 Hz, 500 Hz, 800 Hz, 4.5 kHz, 10 kHz), LEVEL ● **Current Draw** 16 mA (DC 9 V)

AC-2 7

- **Controls** LEVEL, BODY, TOP, MODE (PIEZO/ENHANCE/JUMBO/STANDARD) ● **Current Draw** 18 mA (DC 9 V)

CE-5 7

- **Controls** E.LEVEL, RATE, DEPTH, FILTER Knobs (HIGH, LOW) ● **Current Draw** 22 mA (DC 9 V)

CH-1 7

- **Controls** E.LEVEL, EQ, RATE, DEPTH ● **Current Draw** 15 mA (DC 9 V)

CEB-3 7

- **Controls** E.LEVEL, LOW FILTER, RATE, DEPTH ● **Current Draw** 22 mA (DC 9 V)

AW-3 7

- **Controls** DECAY, MANUAL/VOWEL 2, SENS/VOWEL 1, MODE ● **Current Draw** 50 mA (DC 9 V)

OC-3 7

- **Controls** DIRECT, OCT 1, CONTROL, MODE (POLY/RANGE/OCT 2/DRIVE) ● **Current Draw** 50 mA (DC 9 V)

TR-2 7

- **Controls** RATE, WAVE, DEPTH ● **Current Draw** 20 mA (DC 9 V)

BF-3 7

- **Controls** RES, MANUAL, DEPTH, RATE, MODE (ULTRA, STANDARD, GATE/PAN, MOMENTARY) ● **Current Draw** 40 mA (DC 9 V)

PH-3 8

- **Controls** RATE, DEPTH, RES (resonance), STAGE (STEP/RISE/FALL/12/10/8/4) ● **Current Draw** 50 mA (DC 9 V)

DD-3 8

- **Controls** E.LEVEL, F.BACK, D.TIME, MODE (HOLD/L.800ms/M.200ms/S.50ms) ● **Current Draw** 45 to 65 mA (DC 9 V)

DD-6 8

- **Controls** E. LEVEL, F.BACK, D.TIME, MODE (2600ms/800ms/300ms/80ms/REVERSE/ HOLD (5.2s)/WARP) ● **Current Draw** 55 mA (DC 9 V)

PS-5 8

- **Controls** BALANCE, D. TIME/SPEED, H.R. KEY, PITCH, MODE (PITCH SHIFTER/ HARMONIST/DETUNE/T.ARM/FLUTTER) ● **Current Draw** 50 mA (max.) (DC 9 V)

RV-5 8

- **Controls** E. LEVEL, TONE, TIME, MODE (SPRING/PLATE/HALL/ROOM/GATE MODULATE) ● **Current Draw** 50 mA (DC 9 V)

NS-2 8

- **Controls** THRESHOLD, DECAY, MODE (MUTE/REDUCTION) ● **Current Draw** 20 mA (DC 9 V)

LS-2 8

- **Controls** MODE, LEVEL (A, B) ● **Current Draw** 25 mA (DC 9 V)

LMB-3 8

- **Controls** LEVEL, ENHANCE, RATIO, THRESHOLD ● **Current Draw** 17 mA (DC 9 V)

SYB-5 8

- **Controls** EFFECT, DIRECT, FREQ, RES, DECAY/RATE, MODE ● **Current Draw** 50 mA (DC 9 V)

FOOT PEDALS

PW-10 8

- **Nominal Input Level** -20 dBu ● **Input Impedance** 1 M Ω
- **Nominal Output Level** -20 dBu ● **Output Impedance** 1 k Ω
- **Recommended Load Impedance** 10 k Ω or greater ● **Power Supply** DC 9 V: Dry Battery<AA type> x 6, AC Adaptor ● **Current Draw** 55 mA (Expected battery life under continuous use; [Carbon: 14 hours], [Alkaline: 38 hours]; These figures will vary depending on the actual conditions of use.) ● **Dimensions** 100 (W) x 270 (D) x 100 (H; max.) mm (3-15/16" x 10-11/16" x 3-15/16") ● **Weight** 1.3 kg/ 2 lbs. 14 oz. (incl. batteries) ● **Accessory** Dry Battery <LR6 (AA) type> x 6 ● **Option** AC Adaptor (PSA series)

FV-300L 8

- **Controls** Main Volume Pedal, MINIMUM VOLUME Knob
- **Connectors** INPUT Jacks (1, 2), OUTPUT Jacks (1, 2), TUNER OUT Jack ● **Dimensions** 111 (W) x 291 (D) x 69 (H) mm (4-3/8" x 11-1/2" x 2-3/4") ● **Weight** 1.0 kg/2.2 lbs.

FV-50L 8

- **Controls** Main Volume Pedal, MINIMUM VOLUME Knob
- **Connectors** INPUT Jacks (1, 2), OUTPUT Jacks (1, 2), TUNER OUT Jack ● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g/14 oz.

FV-50H 8

- **Controls** Main Volume Pedal, MINIMUM VOLUME Knob
- **Connectors** INPUT Jacks (1, 2), OUTPUT Jacks (1, 2), TUNER OUT Jack ● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g/14 oz.

TWIN PEDAL SERIES

[Twin Pedal Specifications]

- **Power Supply** DC 9 V: Dry battery <AA type> x 6, AC Adaptor
- **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4")

OD-20 10

- **Memories** 4 ● **Nominal Input Level** -20 dBu ● **Nominal Output Level** -20 dBu ● **Dynamic Range** 102 dB (IHF-A, typ.) ● **Current Draw** 85 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 8 hours], [Alkaline: 20 hours]; These figures will vary depending on the actual conditions of use.) ● **Weight** 1.1 kg/2 lbs. 7 oz. (incl. batteries) ● **Accessory** Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) ● **Option** AC Adaptor (PSA series)

CE-20 10

- **Memories** 4 ● **Nominal Input Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu ● **Nominal Output Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu ● **Residual Noise Level** -93 dBu or less (IHF-A, typ.) ● **Current Draw** 160 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 4 hours], [Alkaline: 10 hours]; These figures will vary depending on the actual conditions of use.) ● **Weight** 1.1 kg/ 2 lbs. 7 oz. (incl. batteries) ● **Accessory** Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) ● **Option** AC Adaptor (PSA series)

EQ-20 10

- **Memories** 9 ● **Nominal Input Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu ● **Nominal Output Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu ● **Residual Noise Level** -100 dBu or less (IHF-A, typ./All Sliders max.) ● **Variable Range** Equalizer Control: \pm 15 dB, Level Control: \pm 15 dB ● **Display** Custom LCD (backlit LCD) ● **Current Draw** 120 mA (9 V) (Expected battery life under continuous use; [Carbon: 3.5 hours], [Alkaline: 12 hours]; These figures will vary depending on the actual conditions of use.) ● **Weight** 1.1 kg/2 lbs. 7 oz. (incl. batteries) ● **Accessory** Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) ● **Option** AC Adaptor (PSA series)

DD-20 10

- **Nominal Input Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu ● **Nominal Output Level** GUITAR/BASS: -20 dBu, GUITAR AMP SEND/RETURN: +4 dBu ● **Residual Noise Level** -93 dBu or less (IHF-A, typ.) ● **Display** Custom LCD (backlit LCD)
- **Current Draw** 200 mA (9 V max.) (Expected battery life under continuous use; [Carbon: 2 hours], [Alkaline: 7 hours]; These figures will vary depending on the actual conditions of use.) ● **Weight** 1.2 kg/2 lbs. 11 oz. (incl. batteries) ● **Accessory** Dry Battery <LR6 (AA) type> x 6 (We recommend that alkaline batteries be used when replacing the batteries.) ● **Option** AC Adaptor (PSA series)

RC-20XL 10

- **Nominal Input Level** INST: -20 dBu (variable), MIC: -40 dBu (variable), AUX IN: -10 dBu ● **Nominal Output Level** OUTPUT: -20 dBu ● **Internal Memory** Recording time: 16 min. (max.), Maximum number of saved phrases: 11 phrases (max.) ● **Current Draw** 120 mA (9 V max.) ● **Weight** 1.2 kg/2 lbs. 11 oz. (incl. batteries) ● **Accessories** Dry Battery <LR6 (AA) type> x 6, Sound Library for RC-20XL (Sample Phrase CD) ● **Options** AC Adaptor (PSA series), Footswitch (FS-5U, FS-6)

TU SERIES

TU-15 11

- **Reference Pitch** A4 = 430 to 449 Hz (1 Hz steps) ● **Tuning Range** E0 to C8 ● **Power Supply** Dry Battery (9 V type), AC Adaptor (PSA series: Optional)

TU-12 11

- **Reference Pitch** 440 to 445 Hz (1 Hz steps) ● **Tuning Range** C1 to B5 ● **Power Supply** Dry Battery (9 V type), AC Adaptor (PSA series: Optional)

TU-12H 11

- **Reference Pitch** 440 to 445 Hz (1 Hz steps) ● **Tuning Range** C1 to B6 ● **Power Supply** Dry Battery (9 V type), AC Adaptor (PSA series: Optional)

TU-2 11

- **Reference Pitch** A4 = 438 to 445 Hz (1 Hz steps) ● **Tuning Range** C0 to C8 ● **Power Supply** Dry Battery (9 V type), AC Adaptor (PSA series: Optional)

TU-80 11

- **Reference Pitch** A4 = 435 Hz to 446 Hz (1 Hz steps) ● **Tuning Range** E0 to C8 ● **Power Supply** Dry Battery <LR6 (AA) type> x 2

AD SERIES

AD-8 12

- **Nominal Input Level** -20 dBu ● **Input Impedance** 20 M Ω
- **Nominal Output Level** -20 dBu ● **Output Impedance** Unbalanced Output/Electric Guitar Amp Output: 1 k Ω , Balanced Output: 600 Ω , Phones: 33 Ω ● **Recommended Load Impedance** 10 k Ω or greater
- **Reference Pitch** A4 = 438 to 445 Hz (1 Hz steps) ● **Tuning Accuracy** \pm 3 cents ● **Display** 7 segments LED ● **Connectors** INPUT Jack (1/4" phone type), PHONES Jack (1/4" TRS phone type), ELECTRIC GUITAR AMP OUTPUT Jack (1/4" phone type), UNBALANCED OUTPUT Jacks A (Mono), B (1/4" phone type), BALANCED OUTPUT Jacks A, B (XLR type), AC Adaptor Jack ● **Power Supply** DC 9 V: Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series) ● **Current Draw** 120 mA ● **Dimensions** 250 (W) x 180 (D) x 60 (H) mm (9-7/8" x 7-1/8" x 2-3/8") ● **Weight** 1.9 kg/4 lbs. 4 oz. (excl. AC Adaptor) ● **Accessory** Dry Battery <LR6 (AA) type> x 6 ● **Option** AC Adaptor (PSA series)



AD-5 12

- **AD Conversion** 21 bit + AF method* ● **DA Conversion** 20 bit, 4 Times Oversampling Digital Filter ● **Sampling Frequency** 44.1 kHz
- **Connectors** INPUTS Jacks (PIEZO, MAGNETIC), INSERT Jack (1/4" TRS phone type), OUTPUT Jacks (L/Mono, R), OUTPUT Jacks [L, R (XLR-32 Type)], REMOTE Jack, AC Adaptor Jack ● **Power Supply** DC 9 V ● **Dimensions** 150 (W) x 155 (D) x 65 (H) mm (5-15/16" x 6-1/8" x 2-9/16") ● **Weight** 1.0 kg/2 lbs. 4 oz. (excl. AC Adaptor) ● **Accessory** AC Adaptor (Roland ACI or ACB series)

AD-3 12

- **AD Conversion** 20 bit ● **DA Conversion** 20 bit ● **Sampling Frequency** 44.1 kHz ● **Connectors** INPUT Jack (1/4"), OUTPUT Jacks (L, R: 1/4" TRS phone type), AC Adaptor Jack ● **Power Supply** DC 9 V: Dry battery x 6, AC Adaptor (PSA series) ● **Current Draw** 90 mA
- **Dimensions** 170 (W) x 156 (D) x 70 (H) mm (6-3/4" x 6-3/16" x 2-13/16") ● **Weight** 1.0 kg/2 lbs. 4 oz. (incl. batteries) ● **Accessory** Dry Battery <LR6 (AA) type> x 6 ● **Option** AC Adaptor (PSA series)

GT-PRO

GT-PRO 15-16

- **AD Conversion** 24 bit + AF method* ● **DA Conversion** 24 bit ● **Sampling Frequency** 44.1 kHz ● **Program Memories** 400: 200 (User) + 200 (Preset) ● **Nominal Input Level** INPUT: -10 dBu, PRE LOOP RETURN: -10 dBu, LOOP 1/2 RETURN: -10 dBu/+4 dBu
- **Input Impedance** INPUT: 1 M Ω , PRE LOOP RETURN: 220 k Ω , LOOP 1/2 RETURN: 220 k Ω ● **Nominal Output Level** DIRECT OUT/TUNER OUT: -10 dBu, MAIN OUT/SUB OUT: -10 dBu/+4 dBu, SUB OUT XLR: +4 dBu, PRE LOOP SEND: -10 dBu, LOOP 1/2 SEND: -10 dBu/+4 dBu ● **Output Impedance** DIRECT OUT/TUNER OUT: 2 k Ω , MAIN OUT/SUB OUT: 2 k Ω , SUB OUT XLR: 600 Ω , PRE LOOP SEND: 2 k Ω , LOOP 1/2 SEND: 2 k Ω ● **Digital Output** EIAJ CP1201, S/PDIF ● **Display** 16 characters, 2 lines (backlit LCD)/2 characters, 7 segments LED ● **Connectors** INPUT Jack, OUTPUT Jacks L (MONO)/R, PHONES Jack, SEND Jack, RETURN Jack, AMP CONTROL Jack, SUB EXP PEDAL/SUB CTL PEDAL 1,2 Jack, DIGITAL OUT (coaxial), MIDI IN/OUT, AC Adaptor Jack ● **Power Supply** AC 14 V: Supply AC Adaptor (BRC series) ● **Current Draw** 650 mA
- **Dimensions** 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") ● **Weight** 4.8 kg/10 lbs. 10 oz. (excl. AC Adaptor) ● **Accessory** AC Adaptor (BRC series)

Editor Software System Requirements

- [Windows] ● **Operating System** Microsoft® Windows® XP Home Edition/XP Professional/2000 Professional/Me/98SE/98 ● **Computer** A Windows® compatible computer with a USB connector
- **CPU/Clock** Pentium®, Celeron®, Intel-compatible Processor/600 MHz or higher ● **Memory** 128 MB or more ● **Hard disk** 200 MB or more of free space ● **Display resolution** 800 x 600 pixels or higher/65,535 colors (High Color 16 bit) or more

- [Macintosh] ● **Operating System** Mac OS X v10.2.3 or later, Mac OS 9.x, Mac OS 8.6; This will not operate in the Classic environment of Mac OS X. When using this, the Classic environment must not be running simultaneously. ● **Computer** Apple Macintosh series computer with on-board USB port ● **CPU/Clock** PowerPC G3/600 MHz or faster ● **Memory** 256 MB or more ● **Hard disk** 200 MB or more of free space ● **Display resolution** 800 x 600 pixels or higher/32,000 colors or more; Requires OMS 2.3.5 or later, Or requires FreeMIDI 1.35 or later on Mac OS 9/8.

GT SERIES

GT-B 19-20

- **AD Conversion** 24 bit + AF method* ● **DA Conversion** 24 bit ● **Sampling Frequency** 44.1 kHz ● **Program Memories** 340: 140 (User) + 200 (Preset) ● **Nominal Input Level** INPUT: -10 dBu, RETURN: -10 dBu ● **Input Impedance** INPUT: 1 M Ω , RETURN: 220 k Ω ● **Nominal Output Level** OUTPUT: 0 dBu, SEND: -10 dBu ● **Output Impedance** OUTPUT: 2 k Ω , SEND: 2 k Ω ● **Digital Output** EIAJ CP1201, S/PDIF ● **Dynamic Range** 100 dB or greater (IHF-A) ● **Display** 16 characters, 2 lines (backlit LCD)/2 characters, 7 segments LED ● **Connectors** INPUT Jack, OUTPUT Jacks L (MONO)/R, PHONES Jack, SEND Jack, RETURN Jack, AMP CONTROL Jack, SUB EXP PEDAL/SUB CTL PEDAL 1,2 Jack, DIGITAL OUT (coaxial), MIDI IN/OUT, AC Adaptor Jack ● **Power Supply** AC 14 V: Supply AC Adaptor (BRC series) ● **Current Draw** 650 mA
- **Dimensions** 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") ● **Weight** 4.8 kg/10 lbs. 10 oz. (excl. AC Adaptor) ● **Accessory** AC Adaptor (BRC series)

GT-6B 19-20

- **AD Conversion** 24 bit + AF method* ● **DA Conversion** 24 bit ● **Sampling Frequency** 44.1 kHz ● **Program Memories** 120: 80 (User) + 40 (Preset) ● **Nominal Input Level** INPUT: -10 dBu ● **Input Impedance** INPUT: 1 M Ω ● **Nominal Output Level** OUTPUT: -10 dBu (1/4" Jack, At OUTPUT LEVEL marking position), OUTPUT: -10 dBu (XLR Jack, 600 Ω load) ● **Output Impedance** OUTPUT: 2 k Ω (phone Jack), OUTPUT: 600 k Ω (XLR Jack, HOT-COLD), 300 k Ω (HOT-GND, COLD-GND) ● **Display** 16 characters, 2 lines (backlit LCD)/ 2 characters, 7 segments LED ● **Connectors** INPUT Jack, OUTPUT Jacks L (MONO)/R, PHONES Jack, XLR OUTPUT Jacks L/R(MONO/DIRECT), DIGITAL OUT (coaxial), SUB EXP PEDAL/SUB CTL PEDAL 1, 2 Jack, MIDI IN/OUT, AC Adaptor Jack ● **Power Supply** AC 14 V: Supplied AC adaptor (BRC series) ● **Current Draw** 800 mA
- **Dimensions** 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") ● **Weight** 4.7 kg/10 lbs. 6 oz. (excl. AC Adaptor) ● **Accessory** AC Adaptor (BRC series)



*0 dBu = 0.775 Vrms

*AF method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

SPECIFICATIONS

ME SERIES

ME-50 21

● **AD Conversion** 24 bit + AF method* ● **DA Conversion** 24 bit
● **Sampling Frequency** 44.1 kHz ● **Patches** 30 (User) ● **Nominal Input Level** INPUT: -10 dBu, AUX IN: -10 dBu ● **Input Impedance** INPUT: 1 M Ω , AUX IN: 100 k Ω ● **Nominal Output Level** -10 dBu
● **Output Impedance** 2 k Ω ● **Display** 1 character, 7 segments LED
● **Connectors** INPUT Jack, GUITAR AMP Jacks L (MONO)/R, AUX IN Jack (Stereo Mini type), PHONES/LINE OUT Jack, AC Adaptor Jack
● **Power Supply** DC 9 V: Dry batteries <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional) ● **Current Draw** 120 mA; Expected battery life under continuous use: [Carbon: 3.5 hours], [Alkaline: 12 hours]; These figures will vary depending on the actual conditions of use. ● **Dimensions** 384 (W) x 225 (D) x 78(H) mm (15-1/8" x 8-7/8" x 3-1/8") ● **Weight** 3.15 kg/7 lbs. (incl. batteries) ● **Accessory** Dry Batteries -Alkaline: LR6 (AA) type> x 6 ● **Options** AC Adaptor (PSA series), Footswitch(FS-5U)

ME-50B 21

● **AD Conversion** 24 bit + AF method* ● **DA Conversion** 24 bit
● **Sampling Frequency** 44.1 kHz ● **Patches** 24 (User) ● **Nominal Input Level** INPUT: -10 dBu, AUX IN: -10 dBu ● **Input Impedance** INPUT: 1 M Ω , AUX IN: 100 k Ω ● **Nominal Output Level** -10 dBu
● **Output Impedance** 2 k Ω ● **Display** 1 character, 7 segments LED
● **Connectors** INPUT Jack, OUTPUT Jacks L (MONO)/R, AUX IN Jack (Stereo Mini type), PHONES Jack, FOOT SW Jacks (COMP ON/OFF, TEMPO), AC Adaptor Jack ● **Power Supply** DC 9 V: Dry Batteries <R6/LR6 (AA) type> x 6, AC Adaptor (PSA series: Optional)
● **Current Draw** 140 mA ● **Dimensions** 384 (W) x 225 (D) x 78 (H) mm (15-1/8" x 8-7/8" x 3-1/8") ● **Weight** 3.15 kg/7 lbs. (incl. batteries)
● **Accessory** Dry Batteries -Alkaline: LR6 (AA) type> x 6 ● **Options** AC Adaptor (PSA series), Footswitch (FS-5U)

GS

GS-10 22

● **Rated Power Output** 1.5 W + 1.5 W ● **AD Conversion** 24 bit + AF method* ● **DA Conversion** 24 bit ● **Digital Out/ USB** Audio 24 bit
● **Sampling Rate** 44.1 kHz ● **Program Memories** 200: 100 (User) +100 (Preset) ● **Nominal Input Level** GUITAR/BASS INPUT: -10 dBu, MIC INPUT: -40 dBu (Balanced), AUX INPUT (L/R): -10 dBu
● **Input Impedance** GUITAR/BASS INPUT: 1 M Ω , MIC INPUT: 2.2 k Ω , AUX INPUT (L/R): 33 k Ω ● **Nominal Output Level** OUTPUT (L/R): -10 dBu, GUITAR AMP OUT: -10 dBu ● **Output Impedance** OUTPUT (L/R): 1 k Ω , GUITAR AMP OUT: 1.5 k Ω ● **Digital Output** EIAJ CP1201, S/PDIF ● **Display** 16 characters, 2 lines (backlit LCD)
● **USB AUDIO** IN/OUT (Stereo, 44.1 kHz, 24 bit), MIDI IN/OUT, MIDI Control IN/OUT ● **Connectors** GUITAR/BASS INPUT Jack (1/4" phone), MIC INPUT Jack (XLR, 1/4" TRS), AUX INPUT Jack L/R (RCA pin), OUTPUT Jack L/R (RCA pin), GUITAR AMP OUT Jack (1/4" phone), PHONES Jack, EXP PEDAL/CTL (1, 2) Jack, DIGITAL OUT (coaxial), USB, MIDI IN/OUT, AC Adaptor Jack ● **Power Supply** AC 14 V: AC Adaptor (BRC series) ● **Current Draw** 800 mA
● **Dimensions** 329 (W) x 231 (D) x 85 (H) mm (13" x 9-1/8" x 3-3/8") ● **Weight** 2.25 kg/5 lbs. ● **Accessories** AC Adaptor (BRC Series), USB cable, GS-10 Software CD-ROM, Cakewalk Music Creator set

Editor Software System Requirements

[Windows] ● **Operating System** Microsoft® Windows® XP Professional/XP Home Edition/2000 Professional/Me/98SE/98

● **Computer** Windows® -compatible personal computer equipped with a USB port ● **CPU/Clock** Pentium®, Celeron®, Intel-compatible Processor/600 MHz or Higher; Not compatible with the Crusoe CPU from Transmeta. ● **USB Chipset** Intel's USB chipset is recommended; VIA USB chipsets - The CPU must be 1 GHz or higher. ● **Memory (RAM)** 128 MB or more ● **Hard disk** 400 MB or more of free space
● **Display resolution/Colors** 800 x 600 pixels or higher/65,535 colors (High Color 16 bit) or more
● **Macintosh** ● **Operating System** Mac OS X v10.2.3 or later, Mac OS 9.x, Mac OS 8.6; Mac OS 9.0.4 or later is required when using SoundManager compatible applications. ● **Computer** Apple USB Ready Macintosh ● **CPU/Clock** PowerPC G3/400 MHz or higher
● **Memory** 256 MB or more ● **Hard disk** 200 MB or more of free space ● **Display resolution** 800 x 600 pixels or higher/65,535 colors (High Color 16 bit) or more; Requires OMS 2.3.5 or later, Or requires FreeMIDI 1.35 or later on Mac OS 9/8.

BR SERIES

BR-1600CD Version 2 25

● **Tracks** Track: 16, V-Track: 256 (16 V-Tracks per primary Track); Up to 8 tracks can be recorded simultaneously, and up to 16 tracks can be played back simultaneously. ● **Maximum Useful Capacity/Recording Time** Internal Hard Disk: 40 GB / Recording Time: 120 hours (conversion in one track); The listed recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created.; The listed recording time is the total for all the tracks that are used. If each of the sixteen tracks contain an equal amount of data, the length of the resulting song will be approximately 1/16 of the time shown.
● **Signal Processing** <AD Conversion>: [24 bit, AF method* (Guitar/Bass)], [24 bit, $\Delta\Sigma$ Modulation (VOCAL)], [24 bit, $\Delta\Sigma$ Modulation (MULTI-TRACK)], [24 bit, $\Delta\Sigma$ Modulation (STEREO TRACKS)], <DA Conversion>: 24 bit, $\Delta\Sigma$ Modulation, <Internal Processing>: 24 bit (digital mixer section), <Recording Data>: 16 bit linear ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz-20 kHz (+1/-3 dB)
● **Total Distortion** 0.02 % or less (INPUT SENS: CENTER, 1 kHz at nominal output level) ● **Nominal Input Level** (Variable) GUITAR/BASS Jack: -10 dBu, MIC 1-8 Jacks (XLR): -40 dBu, INPUT 1-8 Jacks: -10 dBu ● **Input Impedance** [GUITAR/BASS Jack: 1 M Ω], [MIC 1-8 Jacks (XLR): 12.5 k Ω (HOT-COLD), 6.5 k Ω (HOT-GND, COLD-GND)], [INPUT 1-8 Jacks: 22 k Ω]
● **Nominal Output Level** LINE OUT Jack: -10 dBu ● **Output Impedance** LINE OUT Jack: 2 k Ω , PHONES 1, 2 Jack: 100 Ω
● **Recommended Load Impedance** LINE OUT Jack: 20 k Ω or greater, PHONES 1, 2 Jack: 8-50 Ω ● **Residual Noise Level** LINE OUT Jack: -90 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 k Ω , INPUT SENS: CENTER, IHF-A, typ.)
● **Interface** DIGITAL IN: S/PDIF 16-24 bit (coaxial type), DIGITAL OUT: S/PDIF 16-24 bit (coaxial type), USB (B type) ● **Display** 130 x 36 mm (backlit LCD) ● **Connectors** MIDI IN/OUT, USB, DIGITAL IN (coaxial type), DIGITAL OUT (coaxial type), FOOT SW Jack (1/4" phone type), EXP PEDAL Jack (Stereo 1/4" phone type), LINE OUT Jacks (RCA pin type), INPUT 1-8 Jacks (unbalanced, 1/4" phone type), MIC 1-8 Jacks (XLR balanced), PHONES 1 Jack (Stereo 1/4" phone type), PHONES 2 Jack (Stereo 1/4" phone type), GUITAR/BASS Jack (1/4" phone type) ● **Power Supply** DC 12 V: AC Adaptor (Roland PSB-3U) ● **Power Consumption** 3 A ● **Dimensions** 494 (W) x 339 (D) x 99 (H) mm (19-1/2" x 13-3/8" x 3-15/16")
● **Weight** 4.9 kg/10 lbs. 13 oz. (excl. AC Adaptor) ● **Accessories** AC Adaptor: PSB-3U, Effect Patch List, DISCRETE DRUMS (CD-ROM)

BR-900CD 26

● **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track); Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. ● **Maximum Useful Capacity/Recording Time** Internal Hard Disk: 40 GB / Recording time: 120 hours (conversion in one track); The listed recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created.; The listed recording time is the total for all the tracks that are used. If each of the twelve tracks contain an equal amount of data, the length of the resulting song will be approximately 1/12 of the above.
● **Signal Processing** <AD Conversion>: [24 bit, AF method* (Guitar/Bass)], [24 bit, $\Delta\Sigma$ Modulation (VOCAL)], [24 bit, $\Delta\Sigma$ Modulation (LINE)], [24 bit, $\Delta\Sigma$ Modulation (SIMUL)], <DA Conversion>: 24 bit, $\Delta\Sigma$ Modulation, <Internal Processing>: 24 bit (digital mixer section), <Recording Data>: 16 bit linear ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz-20 kHz (+1/-3 dB) ● **Nominal Input Level** (Variable) GUITAR/BASS Jack: -20 dBu, MIC 1/2 Jacks (TRS Balanced/ XLR): -40 dBu, LINE IN Jacks: -10 dBu ● **Input Impedance** [GUITAR/BASS Jack: 1 M Ω], [MIC 1/2 Jacks (TRS Balanced/ XLR): 1.5 k Ω (HOT-COLD), 1.0 k Ω (HOT-GND, COLD-GND)], [LINE IN Jacks: 22 k Ω]
● **Nominal Output Level** LINE OUT Jack: -10 dBu ● **Output Impedance** LINE OUT Jack: 2 k Ω , PHONES Jack: 140 Ω
● **Recommended Load Impedance** LINE OUT Jack: 20 k Ω or greater, PHONES Jack: 32-100 Ω ● **Residual Noise Level** LINE OUT Jack: -85 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 k Ω , INPUT SENS: CENTER, IHF-A, typ., Effect: Off) ● **Interface** DIGITAL OUT (optical type), USB ● **Display** 16 characters x 2 lines +

System Requirements (USB Connection)

● **Compatible OS** Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later ● **Computer** Windows: Windows-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port ● **Driver** The BR-1600CD uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

BR-1200CD 26

● **Tracks** Track: 12, V-Track: 192 (16 V-Tracks per each Track); Up to 2 tracks can be recorded simultaneously, and up to 12 tracks can be played back simultaneously. ● **Maximum Useful Capacity/Recording Time** Internal Hard Disk: 40 GB / Recording time: 120 hours (conversion in one track); The listed recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created.; The listed recording time is the total for all the tracks that are used. If each of the twelve tracks contain an equal amount of data, the length of the resulting song will be approximately 1/12 of the above.
● **Signal Processing** <AD Conversion>: [24 bit, AF method* (Guitar/Bass)], [24 bit, $\Delta\Sigma$ Modulation (VOCAL)], [24 bit, $\Delta\Sigma$ Modulation (LINE)], [24 bit, $\Delta\Sigma$ Modulation (SIMUL)], <DA Conversion>: 24 bit, $\Delta\Sigma$ Modulation, <Internal Processing>: 24 bit (digital mixer section), <Recording Data>: 16 bit linear ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz-20 kHz (+1/-3 dB)
● **Total Distortion** 0.05 % or less (INPUT SENS : CENTER, 1 kHz at nominal output level) ● **Nominal Input Level** (Variable) GUITAR/BASS Jack: -20 dBu, MIC 1/2 Jacks (TRS balanced/XLR): -40 dBu, LINE IN Jacks: -10 dBu ● **Input Impedance** [GUITAR/BASS Jack: 1 M Ω], [MIC 1/2 Jacks (TRS balanced/ XLR): 12.5 k Ω (HOT-COLD) 6.5 k Ω (HOT-GND, COLD-GND)], [LINE IN Jacks: 22 k Ω]
● **Nominal Output Level** LINE OUT Jack: -10 dBu ● **Output Impedance** LINE OUT Jack: 2 k Ω , PHONES Jack: 100 Ω
● **Recommended Load Impedance** LINE OUT Jack: 20 k Ω or greater, PHONES Jack: 8-50 Ω ● **Residual Noise Level** LINE OUT Jack: -87 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 k Ω , INPUT SENS: CENTER, IHF-A, typ.) ● **Interface** DIGITAL OUT: S/PDIF 16 to 24 bit (optical type), USB connector (B type) ● **Display** 64 x 40 mm (backlit LCD) ● **Connectors** MIDI IN/OUT, USB, DIGITAL OUT (optical type), FOOT SW Jack (1/4" phone type), EXP PEDAL Jack (Stereo 1/4" phone type), LINE OUT Jacks (RCA pin type), LINE IN Jacks (RCA pin type), MIC 1/2 Jacks (XLR/TRS balanced), PHONES Jack (Stereo 1/4" phone type), GUITAR/BASS Jack (1/4" phone type) ● **Power Supply** DC 12 V: Supply AC Adaptor (Roland PSB-3U) ● **Power Consumption** 3 A ● **Dimensions** 478 (W) x 297 (D) x 95 (H) mm (18-7/8" x 11-3/4" x 3-3/4") ● **Weight** 4.1 kg/9 lbs. 1 oz. (excl. AC Adaptor) ● **Accessories** AC Adaptor: PSB-3U, DISCRETE DRUMS (CD-ROM)

System Requirements (USB Connection)

● **Compatible OS** Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later ● **Computer** Windows: Windows-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port ● **Driver** The BR-1200CD uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

BR-900CD 26

● **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track); Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. ● **Maximum Useful Capacity/Recording Time** Internal Hard Disk: 40 GB / Recording time: 120 hours (conversion in one track); The listed recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created.; The listed recording time is the total for all the tracks that are used. If each of the twelve tracks contain an equal amount of data, the length of the resulting song will be approximately 1/12 of the above.
● **Signal Processing** <AD Conversion>: [24 bit, $\Delta\Sigma$ Modulation + AF-AD (Guitar/Bass)], [24 bit, $\Delta\Sigma$ Modulation + AF-AD (Mic)], [24 bit, $\Delta\Sigma$ Modulation (LINE)], [24 bit, $\Delta\Sigma$ Modulation (SIMUL)], <DA Conversion>: 24 bit, $\Delta\Sigma$ Modulation, <Internal Processing>: 24 bit (digital mixer section) ● **Sample Rate** 44.1 kHz ● **Frequency Response** 20 Hz-20 kHz (+1/-3 dB) ● **Nominal Input Level** (Variable) GUITAR/BASS Jack: -20 dBu, MIC 1/2 Jacks (TRS Balanced/ XLR): -40 dBu, LINE IN Jacks: -10 dBu ● **Input Impedance** [GUITAR/BASS Jack: 1 M Ω], [MIC 1/2 Jacks (TRS Balanced/ XLR): 1.5 k Ω (HOT-COLD), 1.0 k Ω (HOT-GND, COLD-GND)], [LINE IN Jacks: 10 k Ω] ● **Nominal Output Level** LINE OUT Jack: -10 dBu ● **Output Impedance** LINE OUT Jack: 2 k Ω , PHONES Jack: 140 Ω
● **Recommended Load Impedance** LINE OUT Jack: 20 k Ω or greater, PHONES Jack: 32-100 Ω ● **Residual Noise Level** LINE OUT Jack: -85 dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 k Ω , INPUT SENS: CENTER, IHF-A, typ., Effect: Off) ● **Interface** DIGITAL OUT (optical type), USB ● **Display** 16 characters x 2 lines +

approx. 100 icons (backlit LCD) ● **Connectors** GUITAR/BASS Jack (1/4" phone type), MIC 1 Jack (XLR balanced, TRS balanced), MIC 2 Jack (XLR balanced), LINE IN Jacks (RCA pin type), LINE OUT Jacks (RCA pin type), DIGITAL OUT (optical type), FOOT SW/ EXP PEDAL Jack (1/4" phone type), PHONES Jack (Stereo 1/4" phone type), MIDI OUT, USB ● **Power Supply** DC 9 V: Supplied AC Adaptor, Dry Batteries x 6 ● **Current Draw** 300 to 900 mA; Expected battery life under continuous use: Alkaline: 4 hours These figures will vary depending on the actual conditions of use. ● **Dimensions** 351 (W) x 225 (D) x 69 (H) mm (13-7/8" x 8-7/8" x 2-3/4") ● **Weight** 2.2 kg/4 lbs. 14 oz. (excl. AC Adaptor) ● **Accessories** AC Adaptor (PSC series), Demo Card

System Requirements (USB Connection)

● **Compatible OS** Windows: Windows® Me/2000 or later, Macintosh: Mac OS 9.1 or later ● **Computer** Windows: Windows-compatible personal computer equipped with a USB port, Macintosh: Apple Macintosh computer equipped with a USB port ● **Driver** The BR-900CD uses a standard DRIVER that is found on the OS. The DRIVER will be installed automatically once connected with Computer via USB.

DR & DB SERIES

DR-880 27

● **Max. Polyphony** 32 voices; Depending on the bass sound selected, maximum polyphony may be lower ● **Instruments** Drums: 440, Bass: 40 ● **Kits** User: 100, Preset: 100 ● **Rhythm Patterns** User: 500, Preset: 500 ● **Songs** User: 100 ● **Connectors** [Rear] OUTPUT Jacks L (Mono), R (1/4" phone type), L, R (phone type), DIGITAL OUT (coaxial), USB, [CTL] 1/2, 3/4/EXP PEDAL Jack, MIDI IN/OUT, AC Adaptor Jack, [Front] PHONES Jack (Stereo 1/4" phone type), GUITAR/BASS INPUT Jack (1/4" phone type) ● **Power Supply** AC Adaptor (BRC series) ● **Dimensions** 273 (W) x 242 (D) x 72 (H) mm (10-3/4" x 9-9/16" x 2-7/8") ● **Weight** 1.4 kg/3 lbs. 2 oz. (excl. AC Adaptor) ● **Accessories** AC Adaptor (BRC series), DR-880 Driver CD-ROM ● **Options** Footswitch (FS-5U, FS-6), Expression Pedal (EV-5)

DR-670 28

● **Max. Polyphony** 20 voices; Depending on the instruments and drum kits used, max. polyphony may be lower ● **Instruments** Drum: 256, Bass: 16 ● **Rhythm Patterns** User: 200, Preset: 200 ● **Songs** Songs: 100, Song Length: Max. 250 patterns for a song., Total Patterns for all songs: approx. 3,000 ● **Connectors** OUTPUT Jacks (L, R), PHONES Jack, FOOT SW Jack, MIDI IN/OUT, AC Adaptor Jack (DC 9 V)
● **Power Supply** DC 9 V: Dry Battery x 6, AC Adaptor (PSA series: Optional) ● **Dimensions** 213 (W) x 169 (D) x 53 (H) mm (8-7/16" x 6-11/16" x 2-1/8") ● **Weight** 800 g/1 lbs. 11 oz. ● **Accessory** Dry Batteries <Alkaline: LR6 (AA) type> x 6 ● **Option** AC Adaptor (PSA series)

DR-3 28

● **Max. Polyphony** 12 voices ● **Instruments** Drum and Perc: 120, Bass: 12 ● **Rhythm Patterns** User: 100, Preset: 100; 11 patterns for a rhythm pattern ● **Songs** Songs: 100, Song Length: Max. 250 patterns for a song ● **Connectors** OUTPUT Jacks (L, R/RCA phono type), L (PHONES), R (Mono) (1/4" phone type), PHONES Jack (Stereo 1/4" phone type), MIDI IN, AC Adaptor Jack ● **Power Supply** DC 9 V: Dry Battery x 6, AC Adaptor (PSA series) ● **Dimensions** 213 (W) x 185 (D) x 53 (H) mm (8-7/16" x 7-5/16" x 2-1/8") ● **Weight** 700 g/1 lbs. 10 oz. ● **Power Consumption** 200 mA ● **Accessory** Dry Batteries <Alkaline: LR6 (AA) type> x 6 ● **Option** AC Adaptor (PSA series)

DB-90 28

● **Metronome** Tempo: 30 to 250 (Accuracy: \pm 0.1%), Beat 1: 1-9, Beat 2: OFF, 1-9, Pattern: 8-Beat x 4, 16-Beat x 3, Shuffle x 3, Funk x 2, Jazz x 2, Blues, Techno, House, Country, Reggae, Clave 3-2, Clave 2-3, Salsa, Rumba, Bossa Nova, Samba, Waltz, Tango, Mambo, Chachacha, March (30 kinds) ● **Rhythm Coach** Time Check, Quiet Count, Gradual Up/Down, Step Up/Down ● **Reference Tone** Reference Pitch: A4=438 Hz-445 Hz (1 Hz steps), Reference Tone Range: C2-B6 (5 octave, 12 semitone) ● **Memory** Metronome: 50, Reference Tone: 10 ● **Auto Power Off function** Turns unit off after 60 min. ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connectors** TRIG IN, START/STOP, MEMORY UP/DOWN, MIDI IN, PHONES x 2

(Stereo 1/4" phone type, Stereo miniature phone type), INPUT Jack, AC Adaptor Jack ● **Power Supply** DC 9V: Dry Battery <6LR61/9V, 6F22/9V> or AC Adaptor (PSA series) ● **Current Draw** 85 mA or less (with reference tone sounding), 190 mA or less (with signals inputting to the INPUT jack) ● **Dimensions** 122 (W) x 164 (D) x 37.5 (H) mm (4-3/4" x 6-1/2" x 1-1/2") ● **Weight** 450 g/14 oz. (incl. batteries)
● **Accessories** Dry Battery, Soft case

DB-60 28

● **Metronome** Tempo: 30 to 250 (Accuracy: \pm 0.1%), Beat: 1-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (23 kinds), Pattern: 8 Beat x 3, 16 Beat x 2, Shuffle x 2, Funk, Dance x 2, Country, Reggae, Clave x 2, Rumba, Bossa nova, Waltz, Tango, Mambo, March (20 kinds) ● **Reference Tone** Reference Pitch: A4=438Hz-445Hz (1Hz steps), Reference Tone Range: C4-B4 (Accuracy: \pm 1 cent)
● **Timer** Setting Range: 1 to 60 minutes ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connector** PHONES Jack (Stereo miniature phone type) ● **Power Supply** Dry Battery <R6/LR6 (AA) Type> x 2 ● **Dimensions** 129 (W) x 84 (D) x 22 (H) mm (5-1/8" x 3-5/16" x 0-7/8") ● **Weight** 200 g/0 lbs. 6 oz. (incl. batteries) ● **Accessories** Dry Battery <R6 (AA) Type> x 2, Soft case

DB-30 28

● **Metronome** Tempo: 30 to 250 (Accuracy: \pm 0.1%), Beat: 0-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), Rhythm: Quarter note, Eighth note, Eighth rest and eighth note, Triple, Triple with center rest, Sixteenth note, Sixteenth note with sixteenth rest, CLAVE 1, CLAVE 2 (9 kinds) ● **Reference Tone** Reference Pitch: A4 = 438 Hz-445 Hz (1 Hz steps), Reference Tone Range: C4-B4 (Accuracy: \pm 1 cent) ● **Auto Power Off function** Turns unit off after 60 min. ● **Memory function** Stores the settings when the power is turned off. (The Mute status is not stored in memory.)
● **Indicators** LCD Display, Tempo Indicator LED x 2
● **Connector** PHONES Jack (Stereo miniature phone type) ● **Power Supply** CR2032 lithium battery x 1 ● **Power Consumption** 10 mA or less (with reference tone sounding) ● **Dimensions** 61 (W) x 90 (D) x 20 (H) mm (2-7/16" x 3-9/16" x 13/16") ● **Weight** 70 g/3 oz. (incl. batteries) ● **Accessory** CR2032 lithium battery

ACCESSORIES

BCB-60 29-30

● **Connectors** INPUT Jack, SEND Jack, RETURN A Jack, RETURN B Jack, OUTPUT A Jack, OUTPUT B Jack, PSC IN Jack, DC OUT Jack
● **Power Supply** DC 9V: AC Adaptor (PSC series) ● **Dimensions** 670 (W) x 370(D) x 100(H) mm (26-7/16" x 14-5/8" x 3-15/16")
● **Weight** 3.8 kg/8 lbs. 7 oz. ● **Accessory** AC Adaptor (PSC series), Pre-cut insert x 3, Spare insert x 1, 8-pin parallel DC cord, L-L cable (short) x 5, L-L cable (long) x 3

FS-6 29

● **Controls** Pedal Switch A, B/POLARITY Switch A, B/Mode Switch A, B
● **Connectors** Jack A, Jack B (1/4" phone type) Jack A & B (TRS 1/4" phone type) ● **Power Supply** DC 9 V: Dry battery/9 V 6F22 (Carbon), 6LR61 (Alkaline) ● **Current Draw** 8 mA (max.) ● **Dimensions** 188 (W) x 91(D) x 43 (H) mm (7-7/16" x 3-5/8" x 1-3/4") ● **Weight** 500 g/1 lbs. 1 oz. (incl. battery) ● **Accessory** Dry battery/9 V (6F22)

EV-5 29

● **Controls** Main Volume Pedal, Minimum Volume Knob
● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g/14 oz. ● **Accessory** Stereo Plug Cord (2 m)

AB-2 29

● **Nominal Input Level** -20 dBu ● **Nominal output Level** -20 dBu
● **Control** Pedal ● **Indicators** A (red), B (yellow) ● **Connectors** A Jack, B Jack, IN/OUT Jack ● **Current Draw** 5 mA or less; Expected battery life under continuous use: Carbon: 100 hou; This figure will vary depending on the actual conditions of use. ● **Power Supply** Dry Battery <R03/LR03 (AAA) type> x 2 ● **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-13/16" x 3-9/16" x 1-3/4") ● **Weight** 240 g/0 lbs. 9 oz. ● **Accessories** Dry Battery <R03/LR03 (AAA) type> x 2, Number Sticker

RH-200 29

● **Type of Construction** Closed Type: Dynamics ● **Driver** 40 mm in diameter; Neodymium Magnet ● **Sensitivity** 100 dB/mW
● **Maximum Input Power** 1,600 mW at 1 kHz ● **Frequency Response** 20-20,000 Hz ● **Impedance** 65 Ω ● **Cable** 3.4 m: coiled cable ● **Connector** 1/8" Stereo mini-plug (w/ screw-on 1/4" Adaptor)
● **Weight** 200 g/0 lbs. 8 oz.

CM-30 29

● **Rated Power Output** 30 W ● **Nominal Input Level (1kHz)** Channel 1 (MIC/LINE): -50 to -20 dBu, Channel 2, 3 (LINE): -20 dBu, AUX IN 1, 2: -10 dBu, Stereo Link Input: -10 dBu ● **Nominal Output Level** Stereo Link Out L, R: -10 dBu ● **Speaker** 16 cm (6.5") + Tweeter (Coaxial 2-Way) ● **Controls** Channel 1 (MIC/LINE) Volume Knob, Channel 2, 3 Volume Knob, Stereo Phones Level Knob, Equalizer: Low Knob, High Knob, Master Knob, Power Switch ● **Connectors** CHANNEL 1 INPUT Jack (XLR type, 1/4" phone type), CHANNEL 2, 3 INPUT Jack L (mono) (1/4" phone type), CHANNEL 2, 3 INPUT Jack R (1/4" phone type), AUX IN 1 Jack (RCA pin type), AUX IN 2 Jack (Stereo miniature phone type), STEREO LINK OUT L, R (1/4" phone type), STEREO LINK IN (1/4" phone type), STEREO PHONES Jack (1/4" phone type) ● **Power Supply** AC 117 V, AC 230 V, AC 240 V
● **Power Consumption** 32 W ● **Dimensions** 214 (W) x 238 (D) x 275 (H) mm (8-7/16" x 9-3/8" x 10-7/8") ● **Weight** 5.6 kg/12 lbs. 6 oz.

VT-1 30

● **Nominal Input Level** MIC: -50 dBu, LINE: -20 dBu ● **Input Range** 62.5 Hz to 1 kHz (C2 to B5) ● **Nominal Output Level** MIC INPUT: -40 dBu, LINE OUT: -20 dBu ● **Residual Noise** -100 dBu or less (INPUT: MIC) ● **Connectors** INPUT Jack, MIC OUT Jack, LINE OUT Jacks (L, R), REMOTE Jack, AC Adaptor Jack ● **Power Supply** DC 9 V: AC Adaptor ● **Current Draw**

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