

ME-20 / ME-20B

GUITAR MULTIPLE EFFECTS BASS MULTIPLE EFFECTS



EFFORTLESS PERFORMANCE POWER!

From the smallest compact pedal to the most feature-laden rack, the BOSS brand is synonymous with effects that sound great and are built to last. Today, BOSS expands its famous ME-series effects family with the ME-20 and ME-20B. These powerful multi-effect units are optimized for ease of use in live performance. They also bring BOSS's high-end effects power to a very affordable price point.

GUITAR
MULTIPLE
EFFECTS

ME-20



Expressive Effects That Will Ignite the Stage

- **Simple Operation — Works Like Compact-Pedal Effects** To get the sound you want, simply select an effect and tweak it using the knobs. It's the same simple operation offered by compact-pedal effects.
- **OD/DS Solo Function** Give distortion sounds clarity and an intense boost with a simple button press. You can also switch the effect on/off via pedal or an external switch (BOSS FS-5U) — great for instantly activating a "biting lead" tone.
- **EZ EDIT for Quick Sound Creation** EZ EDIT lets you create sounds quickly and intuitively. You can adjust a combination of effect parameters with a single knob.
- **Memory Function** Up to 30 of the sounds you create can be stored in the ME-20's User memory. In Memory mode, you can use the pedals to instantly select a stored sound.
- **AUX IN Jack** Plug a CD or MP3 player into this input jack and jam along with your favorite music.
- **Battery Powered Operation** The ME-20 runs on battery power (six AA dry cells) so you can use it anywhere. You can also use the optional AC adaptor for extended performances.

OVERDRIVE/DISTORTION	MODULATION	DELAY	EQUALIZER
1: OVERDRIVE 2: BLUES 3: DISTORTION 4: METAL 5: FUZZ 6: COMPRESSOR	1: CHORUS 2: PHASER 3: FLANGER 4: TREMOLO 5: ROTARY	1: 0-99ms DELAY 2: 100-700ms DELAY 3: REVERB	1: NOISE SUPPRESSOR 2: OD/DS SOLO 3: WAH 4: FOOT VOLUME 5: MASTER LEVEL

Rear Panel



■ **AD Conversion** 24 bit + AF method*1 ■ **DA Conversion** 24 bit ■ **Sampling Frequency** 44.1 kHz ■ **Patches** 30 (user) ■ **Nominal Input Level** INPUT: -10 dBu, AUX IN: -18 dBu ■ **Input Impedance** INPUT: 1 MΩ, AUX IN: 22 kΩ ■ **Nominal Output Level** -10 dBu ■ **Output Impedance** 2 kΩ ■ **Display** 7 segments, 2 characters LED ■ **Controls** OD/DS/1 pedal, MOD/2 pedal, DELAY/3 pedal, Expression pedal ■ **Connectors** INPUT jack (1/4 inch phone type), AUX IN jack (Stereo miniature phone type), OUTPUT jacks L/MONO, R (1/4 inch phone type), PHONES jack (Stereo 1/4 inch phone type), FOOT SW jack (1/4 inch TRS phone type), AC Adaptor jack ■ **Power Supply** DC 9 V, Dry battery LR6/R6 (AA) type x 6, AC Adaptor (PSA series: Optional) ■ **Current Draw** 90 mA, *Expected battery life under continuous use: Alkaline: 13 hours/ Carbon: 3.5 hours, These figures will vary depending on the actual conditions of use. ■ **Dimensions** 294 (W) x 179 (D) x 54 (H) mm/ 11-5/8 (W) x 7-1/16 (D) x 2-1/8 (H) inches. Maximum height: 294 (W) x 179 (D) x 74 (H) mm/11-5/8 (W) x 7-1/16 (D) x 2-15/16 (H) inches ■ **Weight** 1.6 kg / 3 lbs 9 oz (including batteries) ■ **Accessories** Owner's Manual, Dry battery LR6 (AA) type (alkaline) x 6, Roland Service (Information Sheet) ■ **Options** AC Adaptor: PSA series, Footswitch: FS-6, FS-5U, Connection Cable: Roland PCS-31 (Stereo 1/4 inch phone plug - 1/4 inch phone plug x 2) * 0 dBu = 0.775 Vrms

BASS
MULTIPLE
EFFECTS

ME-20B



Unique Sounds That Will Make You Stand Out

- **Simple Operation — Works Like Compact-Pedal Effects** To get the sound you want, simply select an effect and tweak it using the knobs. It's the same simple operation offered by compact-pedal effects.
- **BASS ENHANCE Function** This function strengthens bass dynamics with a simple button press. You can also activate the effect with an optional pedal — great for instantly activating a "bass solo" tone.
- **EZ EDIT for Quick Sound Creation** EZ EDIT lets you create sounds quickly and intuitively. You can adjust a combination of effect parameters with a single knob.
- **Memory Function** Up to 30 of the sounds you create can be stored in the ME-20B's User memory. In Memory mode, you can use the pedals to instantly select a stored sound.
- **AUX IN Jack** Plug a CD or MP3 player into this input jack and jam along with your favorite music.
- **Battery Powered Operation** The ME-20B runs on battery power (six AA dry cells) so you can use it anywhere. You can also use the optional AC adaptor for extended performances.

SFX	COMPRESSOR/DRIVE	DELAY/MODULATION	EQUALIZER
1: T.WAH UP 2: T.WAH DOWN 3: T.WAH EDGE 4: DEFRETTER 5: OCTAVE	1: COMPRESSOR 2: OVERDRIVE 3: DISTORTION 4: OD+DIRECT 5: SYNTH 1 6: SYNTH 2	1: 0-99ms DELAY 2: 100-700ms DELAY 3: PHASER 4: FLANGER 5: CHORUS 6: CHO+DELAY 7: REVERB	1: NOISE SUPPRESSOR 2: BASS ENHANCE 3: WAH 4: FOOT VOLUME 5: MASTER LEVEL

Rear Panel



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*1 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.

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.

ME-50 GUITAR 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.

ME-50B BASS MULTIPLE EFFECTS
COSM



COSM
Composite Object Sound Modeling

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating, objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM®) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

BOSS®

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Printed in Japan Apr. 2007 RAM-4215 GR-GEN-NK A4