

### AD SERIES

#### AD-8

- **Nominal Input Level** -20 dBu
- **Input Impedance** 20 MΩ
- **Nominal Output Level** -20 dBu
- **Output Impedance** Unbalanced Output/Electric Guitar Amp Output: 1 kΩ, Balanced Output: 600 Ω, Phones: 33 Ω
- **Recommended Load Impedance** 10 kΩ or greater
- **Reference Pitch** A4 = 438 to 445 Hz (1 Hz steps)
- **Tuning Accuracy** ±3 cents
- **Display** 7 segment LED
- **Connectors** Input (1/4" phone type), Phones (1/4" TRS phone type), Electric Guitar Amp Output (1/4" phone type), Unbalanced Output A (mono), B (1/4" phone type), Balanced Output A, B (XLR type), AC Adaptor (PSA Series)
- **Power Supply** DC 9 V; Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA Series: Optional)
- **Current Draw** 120 mA
- **Dimensions** 250 (W) x 190 (D) x 75 (H) mm (9-7/8" x 7-1/2" x 3")
- **Weight** (excl. AC Adaptor) 1.9 kg (4 lbs. 4 oz.)
- **Accessory** Dry Battery <LR6 (AA) type> x 6

#### AD-5

- **AD Conversion** 21-bit + AF Method
- **DA Conversion** 20-bit, 4 Times Oversampling Digital Filter + ΔΣ Method
- **Sampling Frequency** 44.1 kHz
- **Connectors** Inputs (Piezo, Magnetic), Insert (1/4" TRS phone type), Output (L/Mono, R), Output [L, R (XLR type)], Remote Jack, AC Adaptor
- **Power Supply** DC 9 V; Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA Series: Optional)
- **Current Draw** 300 mA
- **Dimensions** 150 (W) x 155 (D) x 65 (H) mm (5-15/16" x 6-1/8" x 2-9/16")
- **Weight** (excl. AC Adaptor) 1.0 kg (2 lbs. 4 oz.)
- **Accessory** AC Adaptor (Roland ACI or ACB Series)

#### AD-3

- **AD Conversion** 20-bit + ΔΣ Method
- **DA Conversion** 20-bit + ΔΣ Method
- **Sampling Frequency** 44.1 kHz
- **Connectors** Input, Output [L, R (1/4" TRS phone type)], AC Adaptor
- **Power Supply** DC 9 V; Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (PSA Series: Optional)
- **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** (incl. batteries) 1.0 kg (2 lbs. 4 oz.)
- **Accessory** Dry Battery <LR6 (AA) type> x 6

### AC SERIES

#### AC-60

- **Rated Power Output** 30W + 30W
- **Speakers** 6.5" (16 cm) x 2
- **Connectors** Guitar Channel Input (1/4" phone type), Mic/Line Input (XLR type, 1/4" phone type), Aux In (RCA phono type, 1/4" phone type), DI/Tuner Out (1/4" TRS phone type), Line Out (XLR type, 1/4" phone type), Sub Woofer Out (1/4" phone type), Headphones (1/4" TRS phone type), Foot Switch (1/4" TRS phone type)
- **Power Consumption** 68W (AC 117/230/240 V)
- **Dimensions** 380 (W) x 270 (D) x 268 (H) mm (15" x 10-11/16" x 10-9/16")
- **Weight** 9.8 kg (21 lbs. 10 oz.)
- **Accessory** Carry Case

## Roland/BOSS Acoustic Products Catalog

#### AC-100

- **Rated Power Output** 100W (50W + 25W + 25W)
- **Speakers** 12" (30 cm) x 1, 5" (12 cm) x 2
- **Connectors** Input ([Mic/Aux Channel] XLR, Phones [Guitar Channel] Hi/Piezo, Low/Active), Line Out (XLR [A, B], Phones [A, B]), Effects (Send, Return), Foot Switches (Reverb, Chorus)
- **Power Consumption** 102W (AC 117/230/240 V)
- **Dimensions** 646 (W) x 298 (D) x 533 (H) mm (25-7/16" x 11-3/4" x 21")
- **Weight** 25 kg (55 lbs. 2 oz.)



### TU SERIES

#### TU-15

- **Reference Pitch** A4 = 430 to 449 Hz (1 Hz steps)
- **Tuning Range** E0 to C8
- **Connectors** Input, Output, AC Adaptor
- **Power Supply** Dry Battery <R6/LR6 (AA) type> x 2; DC 3 V, AC Adaptor DC 9 V (PSA Series: Optional)

#### TU-12

- **Reference Pitch** A4 = 440 to 445 Hz (1 Hz steps)
- **Tuning Range** C1 to B6
- **Connectors** Input, Output, AC Adaptor
- **Power Supply** Dry Battery (DC 9 V), AC Adaptor (PSA Series: Optional)

#### TU-12H

- **Reference Pitch** A4 = 440 to 445 Hz (1 Hz steps)
- **Tuning Range** C1 to B6
- **Connectors** Input, Output, AC Adaptor
- **Power Supply** Dry Battery (DC 9 V), AC Adaptor (PSA Series: Optional)

#### TU-8

- **Reference Pitch** A4 = 438 to 445 Hz (1 Hz steps)
- **Tuning Range** A0 to C8
- **Connectors** Input, Output, AC Adaptor
- **Power Supply** Dry Battery (DC 9 V), AC Adaptor (PSA Series: Optional)



### TWIN PEDAL SERIES

#### CE-20

- **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.)
- **Connectors** Input (R/Mono, L) (1/4" phone type), Phones (stereo 1/4" phone type), Output (R/Mono, L) (1/4" phone type), AC Adaptor
- **Power Supply** DC 9 V; Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (DC 9 V/PSA Series: Optional)
- **Current Draw** 160 mA (9 V max.)
- **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4")
- **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.)
- **Accessory** Dry Battery <LR6 (AA) type> x 6

#### DD-20

- **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)
- **Connectors** Input A (Mono, 1/4" phone type), Input B (1/4" phone type), Phones (stereo 1/4" phone type), Control Pedal (1/4" phone type), Output A (Mono, 1/4" phone type), Output B (1/4" phone type), AC Adaptor
- **Power Supply** DC 9 V; Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (DC 9 V/PSA Series: Optional)
- **Current Draw** 200 mA (9 V max.)
- **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4")
- **Weight** (incl. batteries) 1.2 kg (2 lbs. 11 oz.)
- **Accessory** Dry Battery <LR6 (AA) type> x 6

#### EQ-20

- **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: -/+15 dB, Level Control: -/+15 dB
- **Display** Custom LCD (backlit LCD)
- **Connectors** Input, Output, AC Adaptor
- **Power Supply** DC 9 V; Dry Battery <R6/LR6 (AA) type> x 6, AC Adaptor (DC 9 V/PSA Series: Optional)
- **Current Draw** 120 mA (9 V)
- **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4")
- **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.)
- **Accessory** Dry Battery <LR6 (AA) type> x 6



### OTHERS

#### DB-88

- **Connectors** Phone x 2 (Stereo 1/4" phone type, Stereo Mini), Input, AC Adaptor
- **Power Supply** DC 9 V; Dry Battery, AC Adaptor (PSA Series: Optional)
- **Accessories** Soft Case, Wire Stand, Dry Battery

#### DB-66

- **Connectors** Phone (Stereo Mini), AC Adaptor
- **Power Supply** DC 9 V; Dry Battery, AC Adaptor (PSA Series: Optional)
- **Accessories** Soft Case, Dry Battery

#### DB-12

- **Connector** Phone (Mono Mini)
- **Power Supply** DC 3 V; Lithium Battery
- **Accessories** Strap, Lithium Battery

#### AB-2

- **Connectors** A Jack, B Jack, In/Out Jack
- **Power Supply** Dry Battery (R03/LR03 (AAA) type) x 2
- **Current Draw** 5 mA or less
- **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-13/16" x 3-9/16" x 1-3/4")
- **Weight** 240 g (9 oz.)

(0 dBu=0.775 Vrms)



# ACOUSTIC Products Catalog



# Unlock Your Instrument's True Potential.

Roland and BOSS give you the keys to enhanced clarity, definition and natural tone.



Discover rich tone and clarity—  
and a sound that's all your own.



**AD-8** Acoustic Guitar Processor  
COSM

#### New COSM Acoustic Modeling Technology

Electro-acoustic guitarists face a dilemma. In order to be heard on stage they must often turn to piezo pickups. These often lack the full-body sound and can significantly alter the beautiful tone of the acoustic instrument. Enter the BOSS AD-8. This innovative acoustic guitar processor uses COSM™ modeling technology to turn piezo-equipped guitars into the warm tones of the world's finest acoustics—including "miked" acoustic sounds. There has never been an easier way to instantly improve the overall quality of your acoustic tone.

#### Full Control Over Body and Strings

Turn the AD-8's Body knob from left to right, and you'll get less piezo sound and more of the improved, full-body sound. Increase the String Enhance setting to boost harmonics, resulting in a much brighter sound.

#### Natural-Sounding Reverb and EQ

For effects, the AD-8 includes a high-quality reverb optimized for acoustic guitar. Settings range from ambience all the way to rooms and halls. Guitarists can further shape their tone with the 4-band equalizer—complete with a sweepable mid.

#### Fight Back with Anti-Feedback

Acoustic guitars are prone to feedback, so the AD-8 comes with an impressive Anti-Feedback function that can instantly find and cut the offending frequency. And if you change guitars, not to worry—frequency points can be saved per Patch.

#### BOSS-Quality Tuning Built-In

BOSS chromatic tuners are the standard for accuracy and the AD-8 won't disappoint. To tune up, simply press the pedal and view your progress on the LED display. When intonating, the AD-8 automatically mutes your guitar sound—great for performance.

#### A Memorable Performance

Have different settings you like to use? Maybe one for solo picking and another for strumming chords? With the onboard Memory function, you can store and recall multiple settings at the touch of a button.

#### DI-Complete

The AD-8 comes with unbalanced stereo outputs, an Electric Guitar Amp output, and a pair of balanced XLR outputs. These balanced XLR's are true DI-complete and include a ground lift feature for eliminating hum.



■Rear Panel  
The AD-8's balanced XLR outputs are perfect for connecting to PA systems and professional recording gear.

#### More Ways to Improve Your Acoustic Tone!

Whether you prefer a tabletop processor or compact pedal, the BOSS AD-5 and AD-3 offer simple and effective acoustic processing designed to improve your overall tone.

**AD-5** Acoustic Instrument Processor



**Comprehensive Acoustic-Electric Tone Shaping.** The BOSS AD-5 gives acoustic-electric guitar and bass players rich, full "miked" acoustic sounds. Anti-Feedback control and specialized effects including 4-band EQ, plate-style reverb and bi-stereo chorus.

**AD-3** Acoustic Instrument Processor



**The Perfect Partner for Acoustic-Electric Gigs.** The AD-3 puts the AD-5's groundbreaking acoustic processing technology—along with anti-feedback processing, reverb and chorus effects—into a rugged, floor-based unit with stompbox simplicity.

Amplifiers designed to project —not color—  
your natural acoustic tone.



#### Powerful Stereo Output

The AC-60 uses DSP technology and a stereo acoustic amplifier (30W x 2) to deliver a pure, rich sound with projection far beyond its compact size. Inputs include a dedicated Guitar channel, plus a Mic/Line channel with Phantom Power—each with 3-band EQ and a dedicated Chorus switch.

#### Impressive Acoustic Effects

With onboard effects ranging from reverb and delay to Auto Anti-Feedback control, the AC-60 has everything acoustic musicians need. Use the delay to create echoes and spatial effects, or apply a touch of reverb to your guitar or microphone for increased ambience. Best of all, you won't ever have to worry about feedback.

#### Ultra-Wide Chorus Sounds

The AC-60 is blessed with some of the best stereo/multi-band chorus effects ever found in a guitar amplifier—including a newly developed "Wide" mode and Roland's legendary "JC Chorus™" effects. Just use the Chorus knob to dial in anything from brilliant, shimmering chorus to more spacious sounds that take advantage of the dual-speaker configuration.

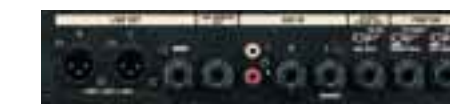
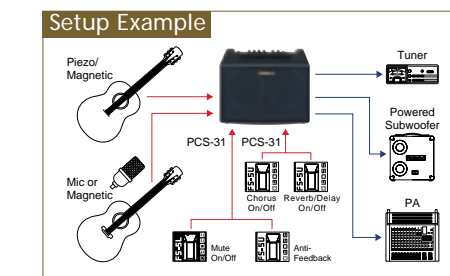
#### Professional Connections

The AC-60 features stereo balanced XLR outputs for direct connection to PA systems, stereo Auxiliary inputs for connecting a CD player or drum machine, plus two Footswitch inputs for easy effect control.

**AC-60** Acoustic Chorus™ Guitar Amplifier



■Top Panel  
The AC-60's two input channels let you connect two guitars, or a guitar and microphone.



■Rear Panel  
A built-in tilt stand improves projection. Convenient carry case included.

**AC-100** Acoustic Chorus™ Guitar Amplifier



**100 Watts of Clean, Acoustic Tone.** This 100-watt amp uses a special tri-amped, three-speaker configuration to deliver clean and powerful sound—complete with the acclaimed Roland chorus effect.

#### Options



Roland and BOSS make a range of gear  
ideal for the acoustic musician!



#### BOSS' Finest Pedals for the Discriminating Acoustic Musician.

BOSS ushers in a whole new standard for excellence and performance. When you want the best, you want a Twin Pedal.



**The Ultimate Stereo Chorus.** The CE-20 boasts true stereo connections and six different chorus effects—including specialized modes for creating thicker acoustic sounds.

#### The World's Most Accurate and Reliable Tuners.

Keeping your acoustic guitar in tune is a must. Look to BOSS for a wide selection of easy-to-use chromatic tuners.

**TU-15** Chromatic Tuner



**The Only Tuner with Accu-Pitch™.** BOSS' finest: high-impedance inputs, a choice of Chromatic and Sound tuning modes, plus a world's first Accu-Pitch function.

**TU-12** Chromatic Tuner



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

**TU-12H** Chromatic Tuner



**Super-Wide Tuning Range.** Offers an extended tuning range of C1 to B6—perfect for guitar, bass, woodwind, brass and ethnic instruments.

**TU-8** Guitar & Bass Auto Tuner



**Tune Any Guitar or Bass.** Accommodates everything from guitar to bass. Includes a high-quality microphone for quick and easy acoustic guitar tune-ups.



**Up to 23 Seconds of Delay!** The DD-20 gives acoustic musicians 23 seconds of warm analog and tape delay effects, plus convenient sound-on-sound recording and more.



**Professional EQ with User Memory.** With the EQ-20, acoustic musicians have precise tonal control with the ability to store nine settings—great for switching guitars.

#### Keep the Beat with BOSS Metronomes!

DB-Series metronomes are the perfect practice tool, combining rock-solid timing with the ease of use BOSS is famous for.

**DB-88** Dr. Beat



**DB-66** Dr. Beat



**BOSS' Ultimate Metronome.** Includes programmable beat/tuning memories, a loop function and human voice count.

**The Worldwide Standard.** Includes slider-based volume, a large LCD, tap tempo, chromatic tuning and more.

**DB-12** Dr. Beat



**Includes a Stopwatch and Timer!** An affordable practice metronome featuring 24 beat variations and six rhythm types.

#### Instantly Change Guitars or Amps!

The easy way to switch between two guitars or amplifiers, or between an amp and tuner.

