

# Musical City

## UltraSound AG-50DS3 Acoustic Amplifier Features:

### CHANNEL-1

INPUT-1: Combo input designed for both MIC level (Balanced XLR) or Instrument level (1/4") signals.

BASS: Adjusts the amount of cut or boost in the low frequency range.

TREBLE: Adjusts the amount of cut or boost in the high frequency range.

VOLUME: Controls the overall volume level of CHANNEL-1.

### CHANNEL-2

INPUT-2: Combo Input designed for both MIC level (Balanced XLR) and Instrument level (1/4") signals.

CH-1 – CH-2: (DIGITAL EFX Assign): This 3 way toggle switch allows the digital effects to be routed to CH-1, CH-2, or if in the middle position will supply effects for both channels.

LEVEL: (DIGITAL EFX) Controls the amount of digital effect mixed in to the guitar signal from 0% to 50%

MODE: (DIGITAL EFX) This is a rotary encoder, which selects 1 of 16 different digital effects. See Digital Effects Program List.

VOLUME: Controls the overall volume of CHANNEL-2.

BASS: Adjusts the amount of cut or boost in the low frequency range.

TREBLE: Adjusts the amount of cut or boost in the high frequency range.

NOTCH FILTER HZ: Provides selectable frequency shift of the 18db cut NOTCH FILTER from 100Hz - 350Hz to eliminate resonant feedback.

NOTCH FILTER ON/OFF: - Enables or disables the notch filter control.

SHAPE ON/OFF: This toggle switch enables or disables the SHAPE control. The shape control is a mid dip control. In the on position the mid frequencies will be cut and the high and low frequencies will be boosted.

MASTER VOLUME: Adjusts the overall loudness of the amplifier.

PILOT LIGHT/LIMIT INDICATOR: When GREEN, this LED indicates that the power is turned on. If the power amplifier reaches full power output, the on board Limiter will be enabled and this LED will turn RED. The Limiter allows the amplifier to be played at full power without unwanted distortion.

## AG-50DS3 Back Panel

EFX SEND: Output for supplying signals to external low-level effects or signal processing equipment.

EFX RETURN: Input for returning signals from external low-level effects or signal processing equipment.

MONO LINE OUT: This jack provides an unbalanced out put from the preamp that is post eq and post efx. This send can be used to feed a signal to a recording or sound reinforcement mixer. Additionally this output can be used to drive a slave amp such as the ULTRASOUND AG-50E.

STEREO LINE OUT: This jack provides an unbalanced stereo output that is post eq and post efx. This send can be used to feed a stereo signal to a recording or sound reinforcement mixer. Additionally, with the use of a "Y" cable, this stereo output can be used to drive 2 slave amps, such as the ULTRASOUND AG-50E in stereo mode.

HEADPHONES: This jack provides a stereo signal to drive headphones. When playing with one of the stereo effects such as Chorus or Flange, the stereo separation is very evident. The use of this jack will disengage the amplifiers internal speakers.

DIRECT OUT: This XLR jack provides a balanced output signal used to feed recording or sound reinforcement equipment.



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