

Providence®

DUAL BASS STATION DBS-1 OWNER'S MANUAL

Thank you for choosing Providence. In order to take full advantage of the product's features and performance, please read this manual thoroughly and keep it in a safe place for future reference.

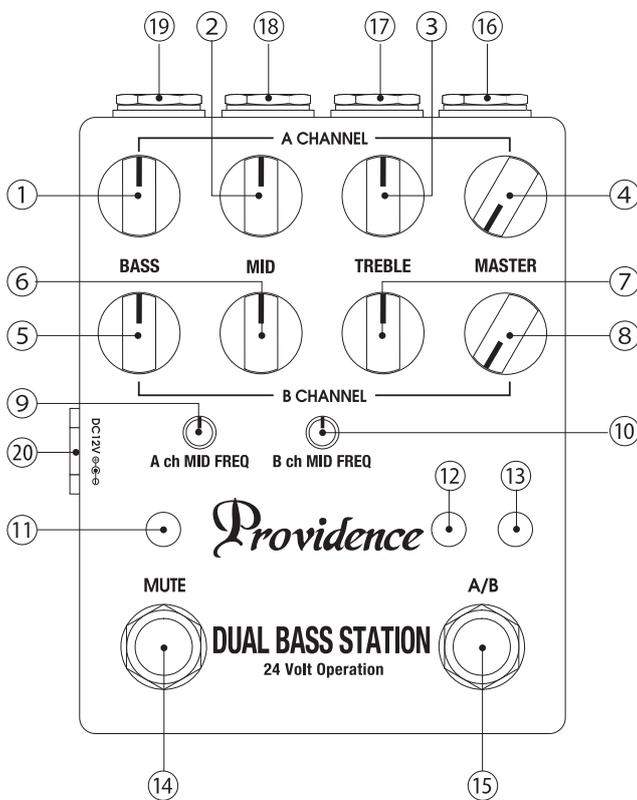
■ Main Features

● The Dual Bass Station is a high-performance bass preamplifier with dual inputs and EQ channels. With a single bass guitar plugged into the IN-A input you can switch between the A and B channel EQ settings as required. Both channels feature versatile 3-band equalizers that are ideal for use with a wide range of musical genres and playing styles. The parametric midrange controls allow detailed tonal adjustment.

● Great care has been taken in the selection and implementation of all signal-carrying parts and circuitry, achieving overall specifications and sonic performance that rival high-end audio equipment. The internal circuitry is powered by a 24-volt supply, allowing the expressive dynamic range of bass guitar to come through with maximum impact and clarity.

● EQ controls employ precision potentiometers with a control curve that has been specially designed for maximum subjective linearity.

■ Controls and Connectors



- ① **BASS (A CHANNEL) / ⑥ BASS (B CHANNEL) :**
Boosts or cuts the bass frequency range. Response is flat (no boost or cut) at the center click position.
- ② **MID (A CHANNEL) / ⑦ MID (B CHANNEL) :**
Boosts or cuts the mid-frequency range. The center frequency of the mid-frequency range is set via the corresponding MID FREQ control. Response is flat (no boost or cut) at the center click position.
- ③ **TREBLE (A CHANNEL) / ⑧ TREBLE (B CHANNEL) :**
Boosts or cuts the treble frequency range. Response is flat (no boost or cut) at the center click position.
- ④ **MASTER (A CHANNEL) / ⑨ MASTER (B CHANNEL) :**
Adjusts the output level. At the center click position the output level is approximately equal to the input level.
- ⑩ **A ch MID FREQ / ⑩ B ch MID FREQ :**
Sets the center frequency of the mid-frequency range that will be affected by the corresponding MID control.
- ⑪ **MUTE LED:**
Lights (red) when output from the OUT jack has been muted via the MUTE footswitch.
- ⑫ **Channel A LED:**
Lights (green) when the A channel has been selected via the A/B footswitch.
- ⑬ **Channel B LED:**
Lights (orange) when the B channel has been selected via the A/B footswitch.
- ⑭ **MUTE Footswitch:**
Alternately mutes and un-mutes output from the OUT jack.
- ⑮ **A/B Footswitch:**
Alternately selects the A or B channel.
- ⑯ **IN-A Jack:**
This is the input jack for channel A. The output from a bass guitar or other effect unit should be connected here.
When no plug is inserted into the IN-B jack (below), the signal fed to the IN-A jack is routed to both the A and B channels so you can set up two different EQs and switch between them as required. When using a single bass guitar, always connect it to the IN-A connector.
- ⑰ **IN-B Jack:**
The IN-B jack can be used to connect a second bass guitar to the DBS-1. When instruments are connected to both the IN-A and IN-B jacks, the instrument connected to IN-A will go through channel A, and the instrument connected to IN-B will go through channel B.
- ⑱ **TUNER:**
Connect to an external tuner when required. The TUNER output jack is active even when the main output is muted. When two instruments are connected to the DBS-1 the signal from the channel selected by the A/B footswitch will be output via the TUNER jack. The input signal is fed directly to the TUNER jack without being affected by any of the DBS-1 EQ or level controls.
- ⑲ **OUT Jack:**
Outputs the processed signal from the DBS-1 to an amplifier or mixer.
- ⑳ **DC 12V IN Connector:**
The DC output from the supplied AC adaptor should be connected here.

■ Specifications

- Controls: Independent BASS, MID, MID FREQ, TREBLE, and MASTER for the A and B channels. MUTE and A/B footswitches.
- Connectors: ¼ inch phone jacks (IN-A, IN-B, OUT, TUNER), DC 12V input connector.
- Electrical characteristics: BASS 60Hz±14dB peaking/MID 150Hz~1kHz±14dB peaking/TREBLE 3kHz±14dB peaking/MASTER $-\infty \sim +10$ dB/
Output noise level -95dBu or less (IHF A.W.T.D)/Harmonic distortion 0.01% or less (Output 0dBu)
- Power consumption: DV12V 80 mA max.
- Power supply: Supplied AC adaptor (PAP-712DCJ for North America and Japan, PAP-712DCE for Europe, PAP-712DCU for UK).
- Dimensions (D x W x H): 125 x 95 x 53 mm.
- Weight: Approx. 370 grams (not incl. AC adaptor).

■ Precautions

- Do not insert or remove plugs into or from the unit's input jacks while it is connected to an active amplifier that is connected to speakers. Doing so can generate high-level noise and possibly damage the speakers.
- In case of damage or malfunction, cease operation immediately and contact the manufacturer or the dealer from which you purchased the product.
- * Appearance and/or specifications may be changed without notice in order to improve performance or meet regulations.

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