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BOSS RE-202

BOSS RE-202 Space Echo User Manual

Model: RE-202

INTRODUCTION

The BOSS RE-202 Space Echo is an advanced digital reproduction of the legendary Roland RE-201 Space Echo. This unit faithfully captures the authentic sound and behavior of the original, including its magnetic tape and motor properties, vibrant spring reverberation, and color-rich preamp circuit. Designed for modern musicians, the RE-202 expands upon the vintage Space Echo experience with new features while retaining the iconic characteristics that made the RE-201 a classic.

This manual provides essential information for setting up, operating, and maintaining your RE-202 Space Echo to ensure optimal performance and longevity.

WHAT'S IN THE BOX

BOSS
RE-202 SPACE ECHO

WHAT'S
IN THE BOX

- RE-202
- AC Adaptor
- Owner's Manual
- Rubber Foot



The BOSS RE-202 Space Echo package includes the following items:

- BOSS RE-202 Space Echo Unit
- AC Adaptor (Power Supply)
- Owner's Manual (this document)
- Rubber Foot (for stability)

Please ensure all items are present upon unboxing. If any items are missing or damaged, contact your retailer or BOSS customer support.

PRODUCT OVERVIEW



Figure 1: Front Panel Controls

The RE-202 features a comprehensive set of controls designed to replicate and enhance the original Space Echo experience. Key controls include:

- **Mode Selector:** A 12-position rotary switch to select different echo and reverb combinations.
- **Saturation:** Adjusts the compressed feel and warmth of the tape emulation.
- **Wow & Flutter:** Controls the amount of tape modulation for authentic vintage character.
- **Bass/Treble:** EQ controls for shaping the tone of the echo.
- **Reverb Vol:** Adjusts the volume of the spring reverb.
- **Repeat Rate:** Controls the speed of the echo repeats.
- **Intensity:** Adjusts the amount of feedback for the echo repeats.
- **Echo Vol:** Controls the overall volume of the echo effect.
- **Footswitches:** ON/OFF (Warp), MEMORY (Reverb), TAP (Twist) for real-time control.



RE-202 SPACE ECHO

RETRO SOUND

AT YOUR FINGERTIPS

The RE-202 delivers the **full vintage vibe of the RE-201**—without the need for regular tape replacement and hardware maintenance. All the core controls of the original are here, including the **iconic 12-position mode selector**.



Figure 2: Rear Panel Connections

The rear panel provides all necessary connections for integrating the RE-202 into your setup:

- **INPUT A/MONO, B:** Stereo or mono input jacks for connecting your instrument or audio source.
- **OUTPUT A/MONO, B:** Stereo or mono output jacks for connecting to an amplifier, mixer, or audio interface.
- **CTL 1, 2/EXP Jack:** For connecting an external footswitch or expression pedal for expanded control.
- **DC IN Jack:** For connecting the included AC adaptor.

SETUP

Power Connection

1. Ensure the RE-202 unit is placed on a stable, flat surface.
2. Connect the included AC adaptor to the DC IN jack on the rear panel of the RE-202.
3. Plug the AC adaptor into a standard AC outlet. Use only the specified BOSS AC adaptor (PSA series or equivalent) to prevent malfunction and electric shock.

Audio Connections

The RE-202 supports both mono and stereo connections.

Mono Connection:

1. Connect your instrument (e.g., guitar) to the INPUT A/MONO jack using a standard 1/4-inch instrument cable.
2. Connect the OUTPUT A/MONO jack to your amplifier or mixer input using another 1/4-inch instrument cable.

Stereo Connection:

1. Connect your stereo audio source (e.g., stereo effects loop, keyboard) to both INPUT A and INPUT B jacks.
2. Connect OUTPUT A and OUTPUT B jacks to your stereo amplifier setup or mixer inputs.

External Control (Optional)

For expanded control, you can connect an external footswitch or expression pedal to the CTL 1, 2/EXP jack.

- **External Footswitch:** Connect a BOSS FS-5U (momentary) or FS-6/FS-7 (latching/momentary) footswitch to control functions like tap tempo or memory switching.
- **Expression Pedal:** Connect a Roland EV-5 or EV-30 expression pedal to control parameters such as Repeat Rate or Echo Volume in real-time.

OPERATING INSTRUCTIONS

Basic Operation

1. **Power On:** Once connected, the RE-202 will power on. The indicator lights will illuminate.
2. **Engage Effect:** Press the ON/OFF footswitch to toggle the effect on or off. The indicator above the footswitch will show its status.
3. **Select Mode:** Turn the **MODE SELECTOR** knob to choose from the 12 available echo and reverb combinations. Each mode offers a unique character.
4. **Adjust Echo Parameters:** Use the **REPEAT RATE**, **INTENSITY**, and **ECHO VOL** knobs to dial in your desired echo sound.
5. **Adjust Reverb:** Use the **REVERB VOL** knob to blend in the spring reverb effect.
6. **Tone Shaping:** Use the **BASS** and **TREBLE** knobs to adjust the EQ of the echo repeats.
7. **Tape Character:** Experiment with the **SATURATION** and **WOW & FLUTTER** knobs to add vintage tape compression and modulation.

Memory Functions

The RE-202 allows you to save and recall your favorite settings.

- **Saving a Memory:** Adjust the knobs to your desired sound. Press and hold the **MEMORY** footswitch until the memory indicator flashes, then press the **MEMORY** footswitch again to save to the currently selected memory bank (1-4).
- **Recalling a Memory:** Briefly press the **MEMORY** footswitch to cycle through the saved memory banks (1-4). The corresponding indicator will light up.

Footswitch Functions

- **ON/OFF (Warp):** Short press to toggle the effect on/off. Long press to activate the "Warp" effect, which creates a runaway feedback loop.
- **MEMORY (Reverb):** Short press to cycle through memories. Long press to engage/disengage the independent

spring reverb.

- **TAP (Twist):** Short press repeatedly to set the tap tempo for the echo repeats. Long press to activate the "Twist" effect, which rapidly sweeps the repeat rate.

MAINTENANCE

To ensure the longevity and optimal performance of your BOSS RE-202 Space Echo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the unit. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the jacks or controls. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Power Supply:** Always disconnect the AC adaptor from the unit and the power outlet when not in use or during electrical storms.
- **Connections:** Periodically check all cable connections for wear and tear. Ensure cables are securely plugged in but do not force them.
- **Avoid Impact:** Protect the unit from strong impacts or drops, as this can damage internal components.

TROUBLESHOOTING

If you encounter issues with your RE-202, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or low volume.	Incorrect cable connections, low volume settings, faulty cables.	Check all input/output cables. Ensure ECHO VOL and REVERB VOL knobs are turned up. Test with different cables. Check amplifier/mixer volume.
Effect not engaging.	Effect bypassed, power issue.	Press the ON/OFF footswitch to ensure the effect is engaged. Verify the AC adaptor is properly connected and receiving power.
Unwanted noise or hum.	Ground loop, faulty power supply, interference from other electronics.	Try a different power outlet. Ensure all cables are shielded. Move the unit away from other electronic devices. Use a power conditioner if necessary.
Knobs or footswitches unresponsive.	Software glitch, physical damage.	Disconnect and reconnect power to reset the unit. If the problem persists, contact BOSS customer support.

If the problem persists after trying these solutions, please contact BOSS customer support or an authorized service center.

SPECIFICATIONS

Feature	Detail
Model Name	RE-202 Space Echo
Manufacturer	BOSS
Item Model Number	RE-202
Color	Black
Voltage	9 Volts
Amperage	200 Milliamps
Dimensions (Approx.)	192 mm (W) x 133 mm (D) x 52 mm (H) (7-9/16 in. x 5-15/64 in. x 2-3/64 in.)
Weight (Approx.)	860 g (1 lb 15 oz)

Note: Specifications are subject to change without notice.

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WARRANTY AND SUPPORT

Warranty Information

BOSS products are covered by a limited warranty. Please refer to the warranty card included with your product or visit the official BOSS website for detailed warranty terms and conditions specific to your region. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, service, or further inquiries, please contact BOSS customer support:

- **Website:** Visit the official BOSS Global Website for FAQs, support documents, and contact information.
- **Service Centers:** A list of authorized service centers can be found on the BOSS website.

When contacting support, please have your product model number (RE-202) and serial number ready.

