Richwood®

Performer 65

RPF-65

Acoustic Amplifier

Owner's Manual



WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radionv technician for help. The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.



The lightning symbol within a triangle means, "Electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.



The exclamation point within a triangle means "Caution!" Please read the information next to all caution signs.

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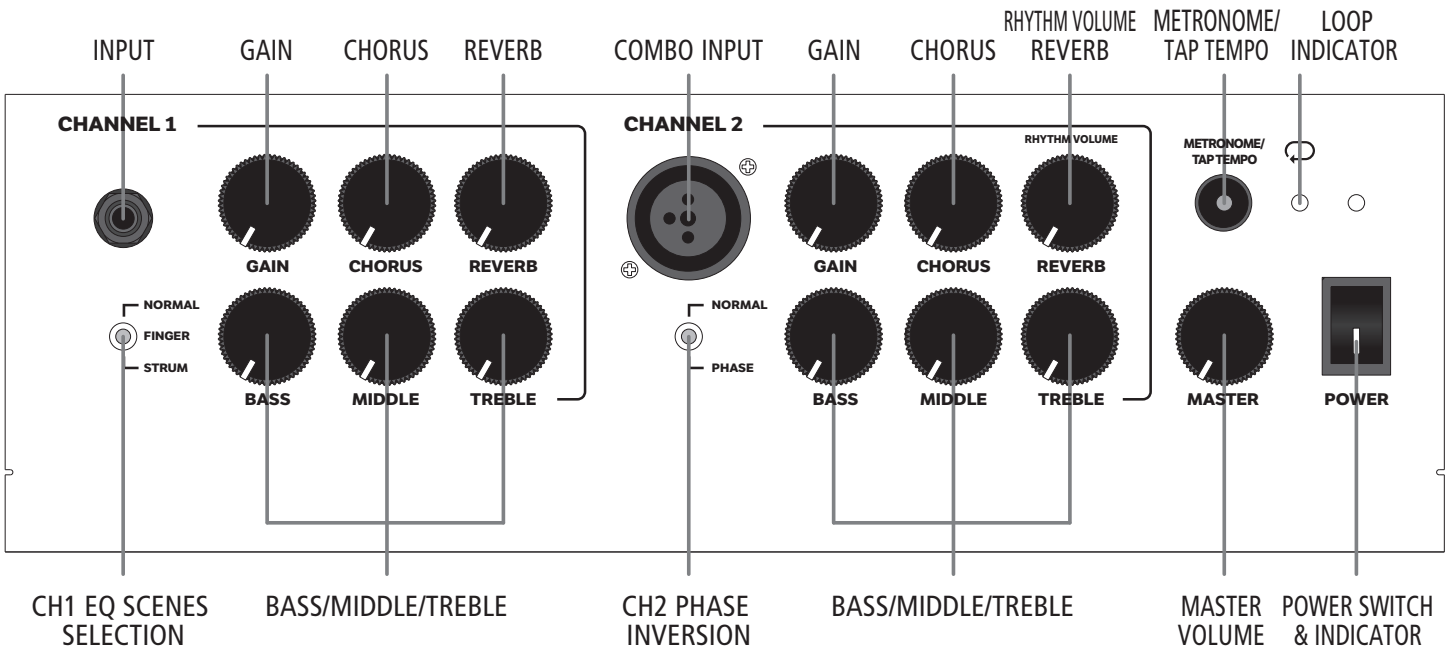
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Introduction

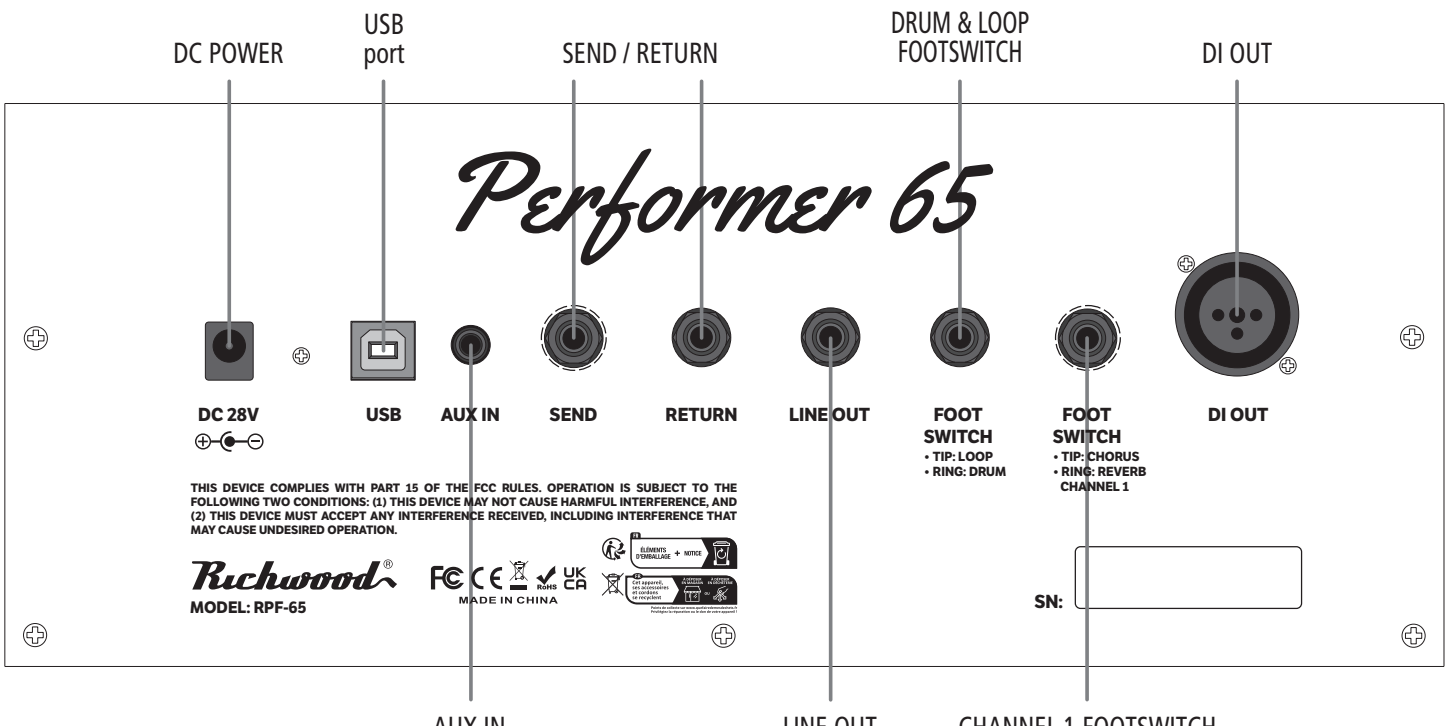
Richwood Performer 65 is an ultimate tool for the recording and performing musician. It has all the functionality of a traditional acoustic guitar amplifer, with addition of interesting features like a drum and looper track. A wired remote controler is added to control the digital reverb and chorus effects.

Features

- acoustic guitar amplifier with 60 watts RMS, 6.5" premium speaker and 1" HF driver.
- 2 independent channels with digital reverb and chorus.
- drum & loop (60s phrase looper).
- USB firmware update.


INPUT
GAIN
CHORUS
REVERB
COMBO INPUT
GAIN
CHORUS
RHYTHM VOLUME
REVERB
METRONOME/
TAP TEMPO
LOOP
INDICATOR
CHANNEL 1
CHANNEL 2
RHYTHM VOLUME
METRONOME/
TAP TEMPO
GAIN
CHORUS
REVERB
GAIN
CHORUS
REVERB
NORMAL
FINGER
STRUM
NORMAL
PHASE
BASS
MIDDLE
TREBLE
BASS
MIDDLE
TREBLE
MASTER
POWER
CH1 EQ SCENES
SELECTION
BASS/MIDDLE/TREBLE
CH2 PHASE
INVERSION
BASS/MIDDLE/TREBLE
MASTER
VOLUME
POWER SWITCH
& INDICATOR

Rear Panel


DC POWER
USB port
SEND / RETURN
DRUM & LOOP FOOTSWITCH
DI OUT
Performer 65
DC 28V
USB
AUX IN
SEND
RETURN
LINE OUT
FOOT SWITCH
• TIP: LOOP
• RING: DRUM
FOOT SWITCH
• TIP: CHORUS
• RING: REVERB CHANNEL 1
DI OUT
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.
Ruchwood®
MODEL: RPF-65
MADE IN CHINA
SN:
AUX IN
LINE OUT
CHANNEL 1 FOOTSWITCH

POWER SWITCH & INDICATOR



Toggle the switch to turn on the amp, the indicator will also turn on.

MASTER knob



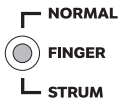
Controls the overall level to power amp section.

CHANNEL 1 INPUT jack



Connect your instrument.

CH1 EQ SCENES SELECTION



You can choose 3 different EQ scenes for channel 1 input.
NORMAL = Setting "NORMAL" has no tonal influence.
FINGER = Setting "FINGER" enriches brightness for finger style play.
STRUM = Setting "STRUM" enriches low end response.

GAIN knob



Controls the input level.

BASS / MIDDLE / TREBLE knobs



These 3 knobs control related low / mid / high end response.

REVERB knob



Controls Reverb MIX level.

CHORUS knob



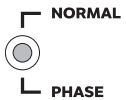
Controls Chorus MIX level.

CHANNEL 2 COMBO INPUT jack



Connect your instrument or microphone.

CH2 PHASE INVERSION



To avoid feedback problems you can engage phase inversion.

GAIN knob



Controls the input level.

BASS / MIDDLE / TREBLE knobs



These 3 knobs control related low / mid / high end response.

CHORUS knob



Controls Chorus MIX level.

REVERB/ RHYTHM VOLUME knob



"REVERB" controls Reverb MIX level.
"RHYTHM VOLUME" controls the metronome & drum volume, when triggered by the "Metronome/Tap Tempo" button.

METRONOME/ TAP TEMPO FUNCTION



Press "Metronome/Tap Tempo" button once to turn on the metronome (the indicator will light blue). Tap the button twice or more to set the tempo (the indicator will flash indicating the tempo). Press the button again to turn off the metronome.
Press and hold "Metronome/Tap Tempo" button to switch between "RHYTHM VOLUME" and "REVERB" mode.

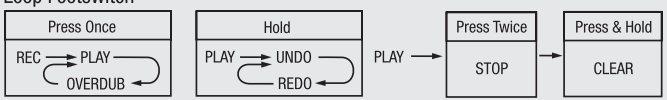
LOOP INDICATOR

REC=Red DUB=Orange PLAY=Green

DRUM & LOOP FOOTSWITCH

With the metronome off you can start and stop the drum sound by using the footswitch connected to "drum & loop footswitch jack" and pressing footswitch A. Tapping the footswitch A (or the "metronome/tap tempo" button) twice or more will set the desired tempo.
Press and hold footswitch A to switch between "RHYTHM VOLUME" and "REVERB" mode.
Footswitch B controls the loop functions.

Loop Footswitch



DC POWER jack



Please use the included power adapter to power the amp.

USB port



Whenever we need to update any software in this product, we will provide it with instructions how to do so through USB PC connection.

AUX IN jack



Connect MP3 player to play backing tracks.

SEND / RETURN jacks



You can connect other effect pedals through send / return jacks.

LINE OUT jack



Connect to mixer or recording interface as you want.

DRUM & LOOP FOOTSWITCH jack



FOOTSWITCH
TIP: LOOP
RING: DRUM

When using the footswitch, you can trigger the TIP (B footswitch) for LOOP function and trigger the RING (A footswitch) for DRUM function.

CHANNEL 1 FOOTSWITCH jack



FOOTSWITCH
TIP: CHORUS
RING: REVERB
CHANNEL 1

With the supplied footswitch you can control REVERB on/off (A = ring) or CHORUS on/off (B = tip).

DI OUT jack



DI OUT

The built-in DI offers a balanced signal for feeding a PA system or recording interface.

Specification

- Impedance:
  CHANNEL 1: 4.7MΩ
  CHANNEL 2: 100kΩ
  SEND: .1kΩ
  RETURN: 1MΩ
  AUX In: 33kΩ
- Speaker:
  Size: 6.5" Woofer x 1, 1" Tweeter
  Frequency Response Range: 50Hz -20kHz (-3dB)
- Power: 60 Watt : Power Supply (Included: 4A at 28V DC)
- Dimensions: 310mm (L) x 280mm (W) x 328mm (H)
- Weight: 9.2kg

- Accessories:
  User manual, Power Adapter x 1, Patch Cable x 1, dual footswitch.

Specifications and appearance subject to change without notice.