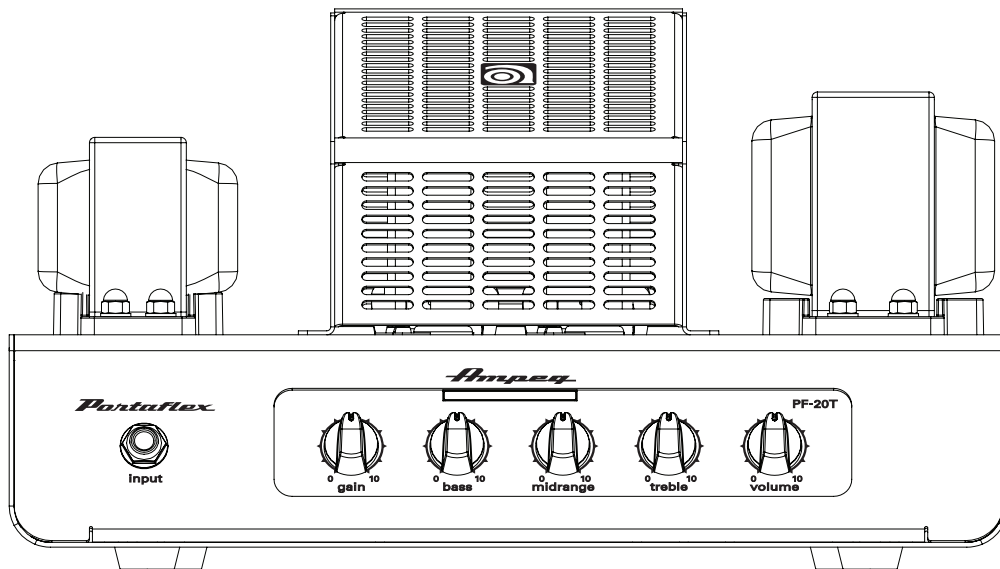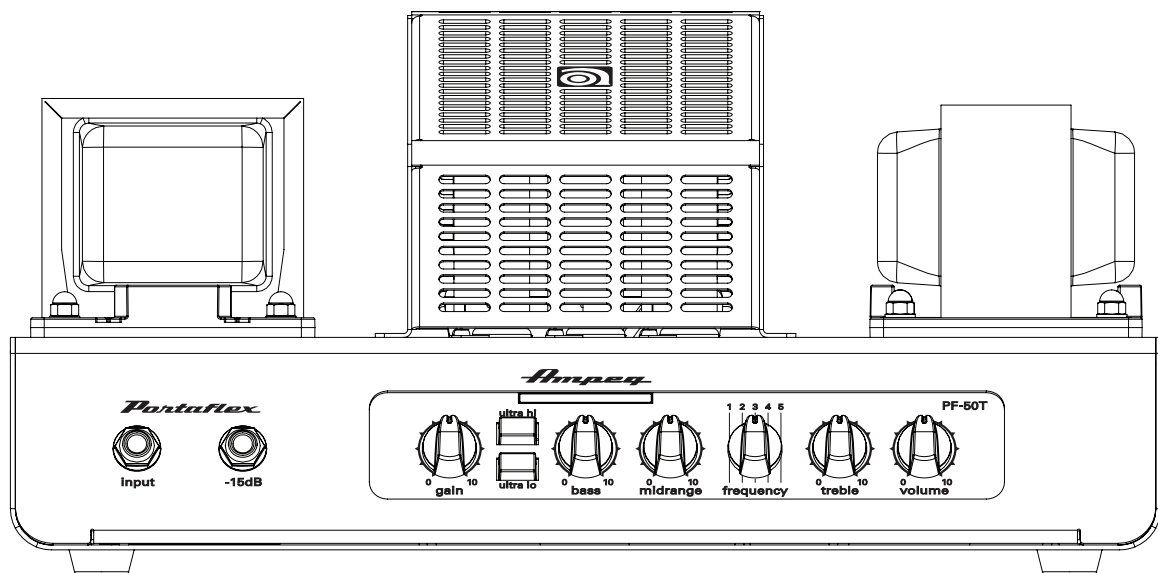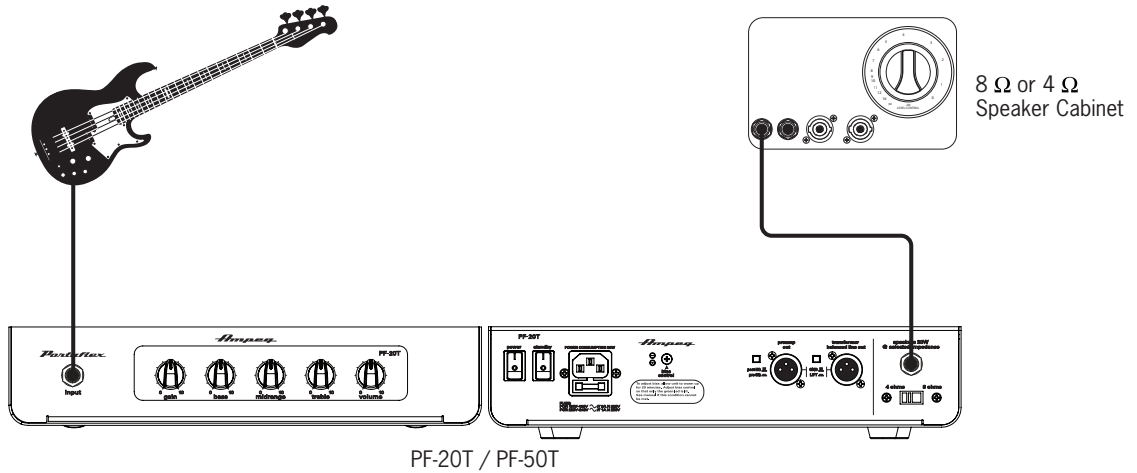# PF-20T and PF-50T

Quick Start Guide

What's in the Box
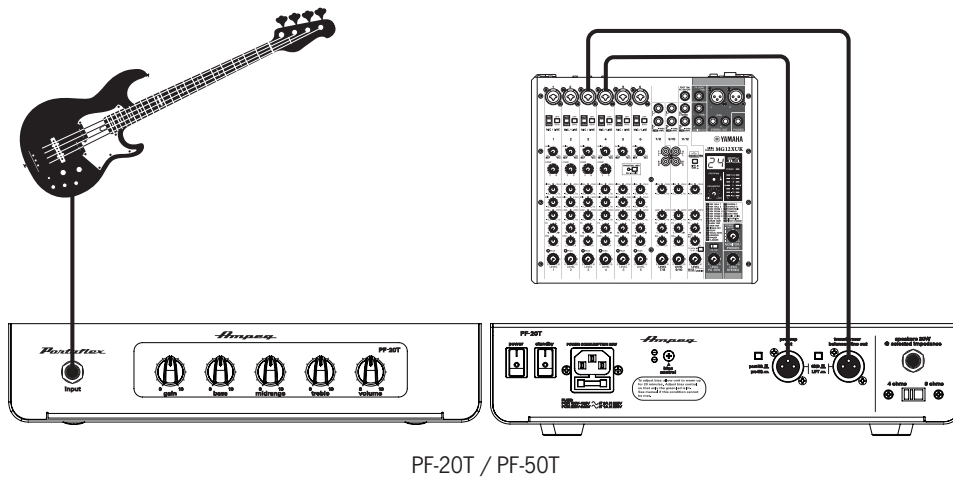
PF-20T or PF-50T Amplifier, Power Cable, and Quick Start Guide.

Hookup Diagrams

Standard Setup

8 Ω or 4 Ω
Speaker Cabinet

PF-20T / PF-50T

PA/Recording Setup

PF-20T / PF-50T

Daisy Chaining
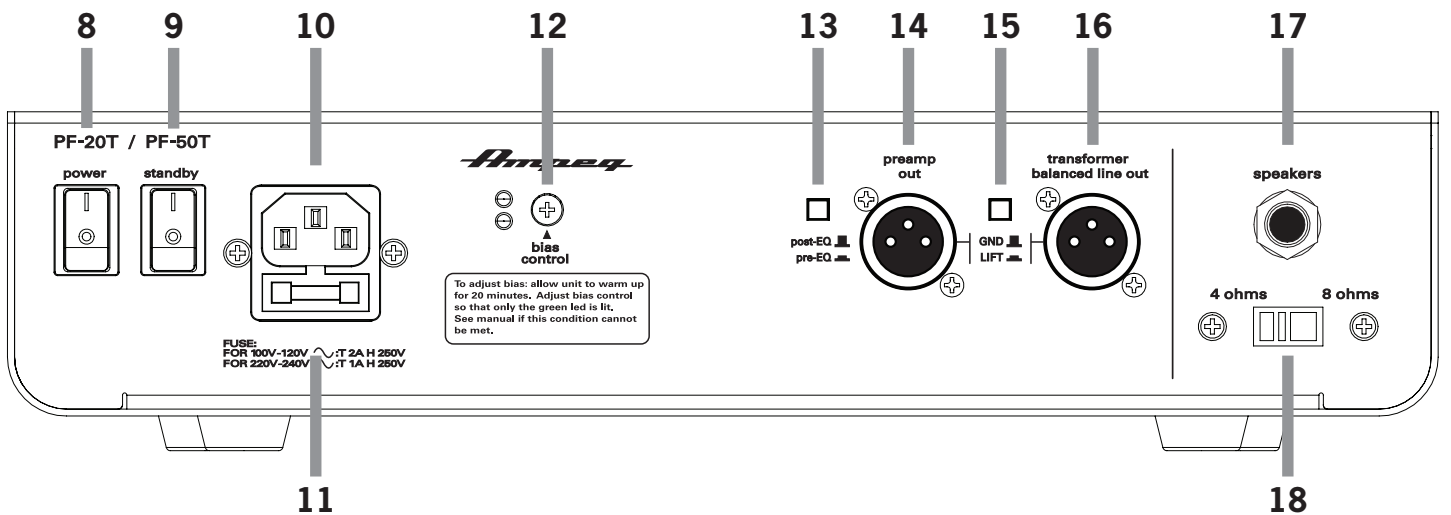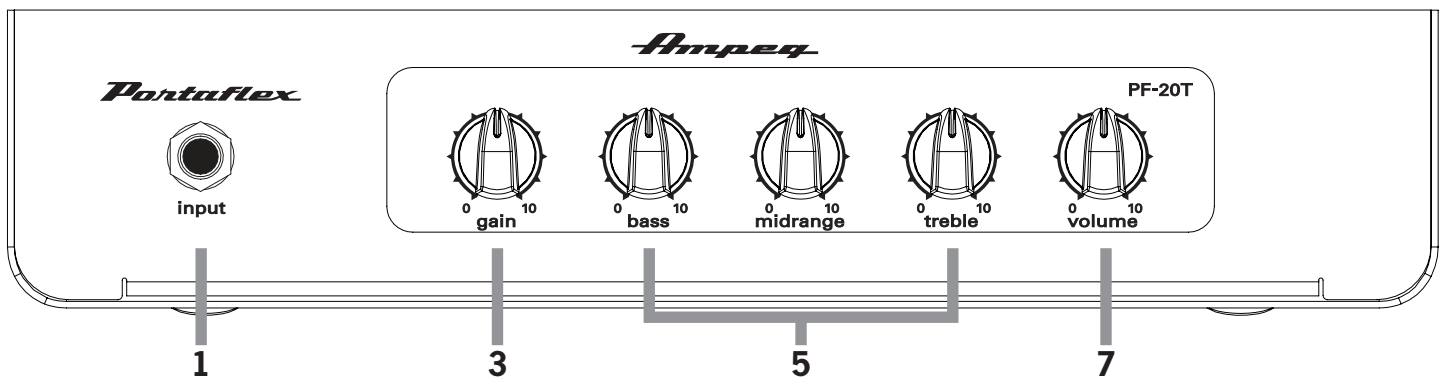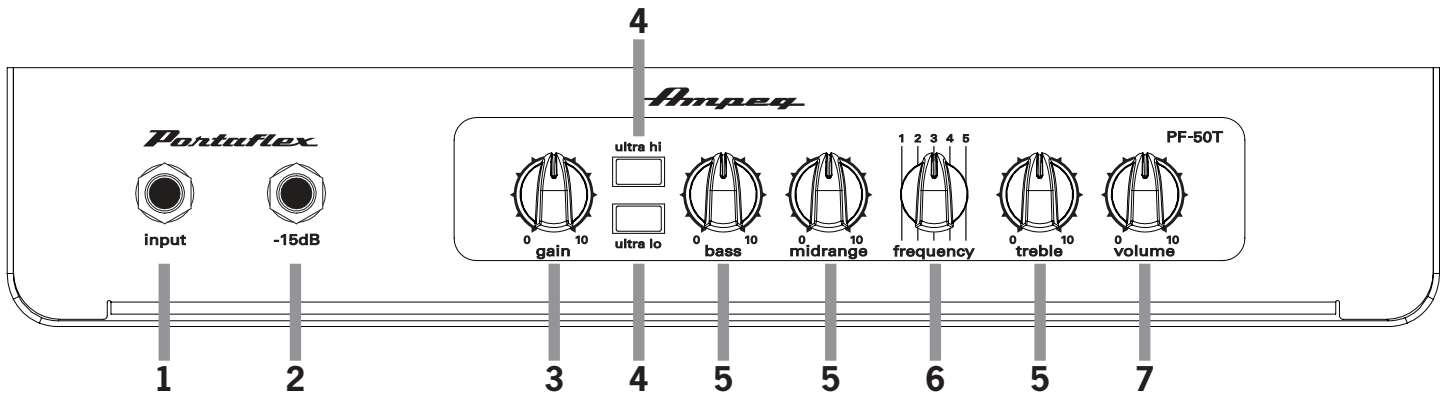

8 Ω Speaker Cabinet B

8 Ω Speaker Cabinet A

PF-20T / PF-50T
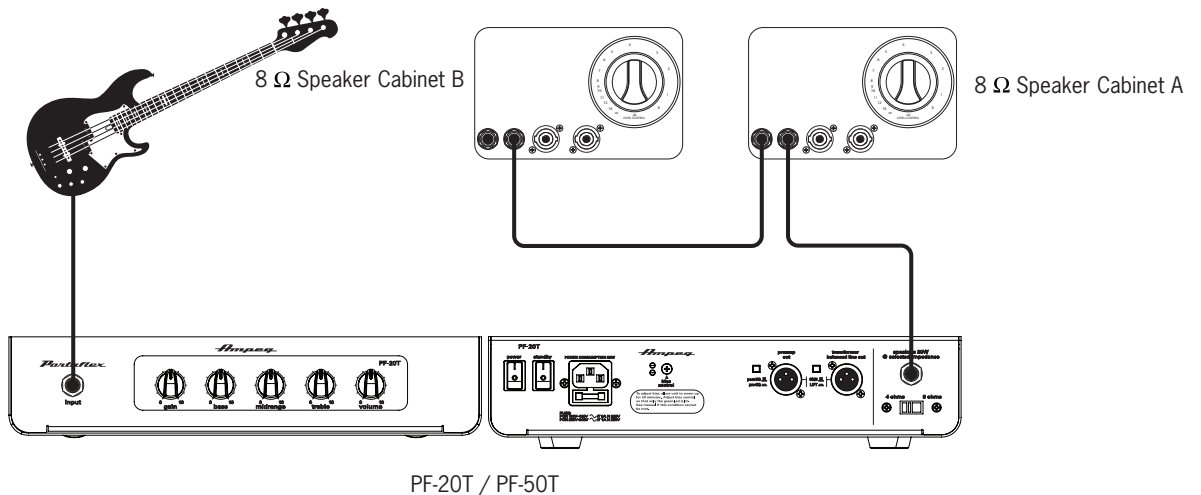
Note: Use same impedance cabinets when daisy-chaining.

Front & Rear Panels

Front & Rear Panel Descriptions

1. **0 dB Input:** Connect a passive instrument to this Input jack.
2. **–15 dB Input:** Connect an active instrument to this Input jack.
3. **Gain:** The Gain knob adjusts the signal sent to the preamplifier.
4. **Ultra Hi / Ultra Lo Switches:** Boosts high or low frequencies.
5. **EQ Knobs:** Boost or cut the level at certain frequencies to enhance the sound.
6. **Frequency Select Knob:** Selects the frequencies affected by the Midrange EQ knob.
7. **Volume:** Adjusts the overall output level.
8. **Power Switch:** Turns the power on/off.
9. **Standby Switch:** Turns the Standby on and off.
10. **Power Connector:** Input socket for power cable.
11. **Fuse:** Overload and AC line surge protection.
12. **Bias:** Controls and LEDs for user biasing.
13. **Pre / Post Switch:** Set the Balanced Out jack to Pre-EQ [engaged] or Post-EQ [disengaged].
14. **Preamp DI Out:** Feeds an external mixer or recording device.
15. **Lift / Gnd:** Connects the ground connection at the Balanced Line Out jack.
16. **Transformer Balanced DI Output:** Feeds an external mixer or recording device.
17. **Speaker Output:** 1/4" TS output jack for connecting an external speaker cabinet.
18. **Impedance Selector:** Match the output impedance of the amp to the speaker(s).

Getting Started

1. Read and understand the included "Important Safety Instructions."
2. Make sure the power switch is off before making any connections.
3. Push the line cord securely into the amplifier's IEC connector and plug the other end into a grounded AC outlet. The amplifier may accept the appropriate voltage as indicated near the IEC connector.
4. Connect an instrument to the input jack with a 1/4" instrument cable. Connect (non-shielded) speaker cables to speaker cabinets with 1/4" TS.
5. Make sure the Standby switch is down [on].
6. With all volume controls fully off, turn the amplifier on by pressing the power switch to the on position. Wait 30 seconds.
7. Move the Standby switch up [off].
8. While playing the instrument, adjust the Gain and Volume knob to the preferred level.
9. Adjust the EQ knobs to taste.

Technical Specifications

	PF-20T	PF-50T
Output Power Rating	20W @ 8 Ω (10% THD) 20W @ 4 Ω (10% THD)	50W @ 8 Ω (10% THD) 50W @ 4 Ω (10% THD)
Maximum Gain	54 dB	66 dB
Power Requirements	120V AC, 60 Hz, 50W 100V AC, 50-60 Hz, 50W 220-240V AC, 50-60 Hz, 50W	120V AC, 60 Hz, 90W 100V AC, 50-60 Hz, 90W 220-240V AC, 50-60 Hz, 90W
Size (H x W x D)	7.3 x 13.0 x 10.4 in 185 x 330 x 264 mm	7.3 x 13.9 x 10.4 in 185 x 353 x 264 mm
Weight	15.2 lb / 6.9 kg	19.4 lb / 8.8 kg

All specifications subject to change.

Ampeg

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