



LFR-212
FULL RANGE FLAT RESPONSE

INTRODUCTION

Digital guitar rigs offer the player an un-paralleled degree of choice when it comes to their rig set up.

In a digital world, virtually anything is possible.

Digital guitar rigs allow players to have access to an astounding array of truly amazing sounding amplifiers, cabinets and effects.

Until recently harnessing the power of your digital guitar rig live has proven difficult.

The reason being amplifying a digital guitar rig live requires something completely different from a traditional guitar amp setup.

To make a digital guitar set up work live you need something which faithfully recreates your studio sound, live and loud without adding any additional unwanted tonal content.

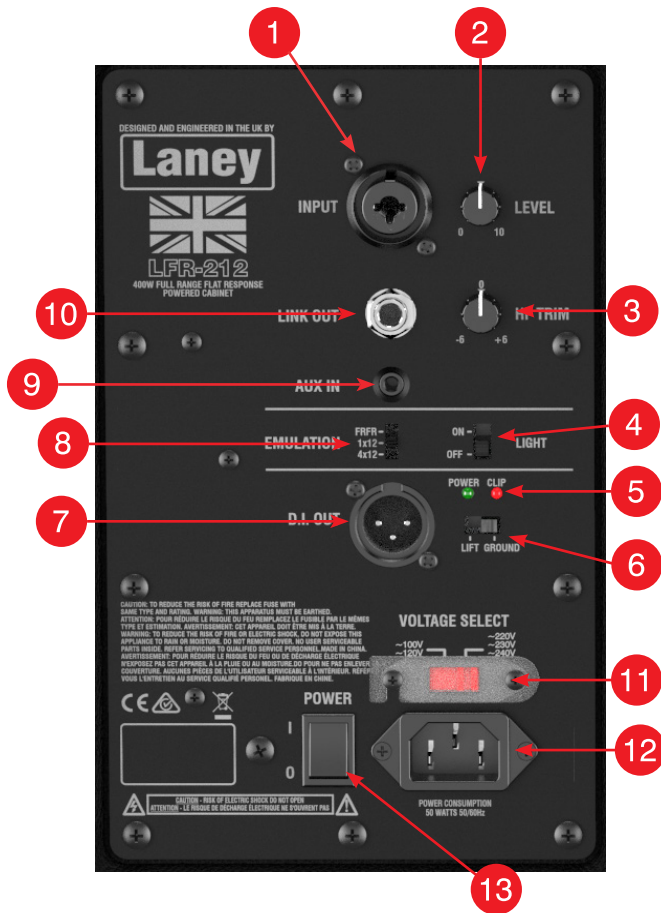
Step forward the Laney LFR-212.

The Laney LFR cabinet is a full frequency, full range, powered cabinet, designed to deliver the varied tones of a digital guitar set up where it matters the most - to your audience.

Designed to look like a conventional guitar cabinet the LFR-212 is anything but conventional

Loaded with two custom designed 12" Drivers and a 1" La Voce compression driver the LFR-212 houses a 800W power amp designed to deliver a dynamic, responsive, loud and accurate tone.

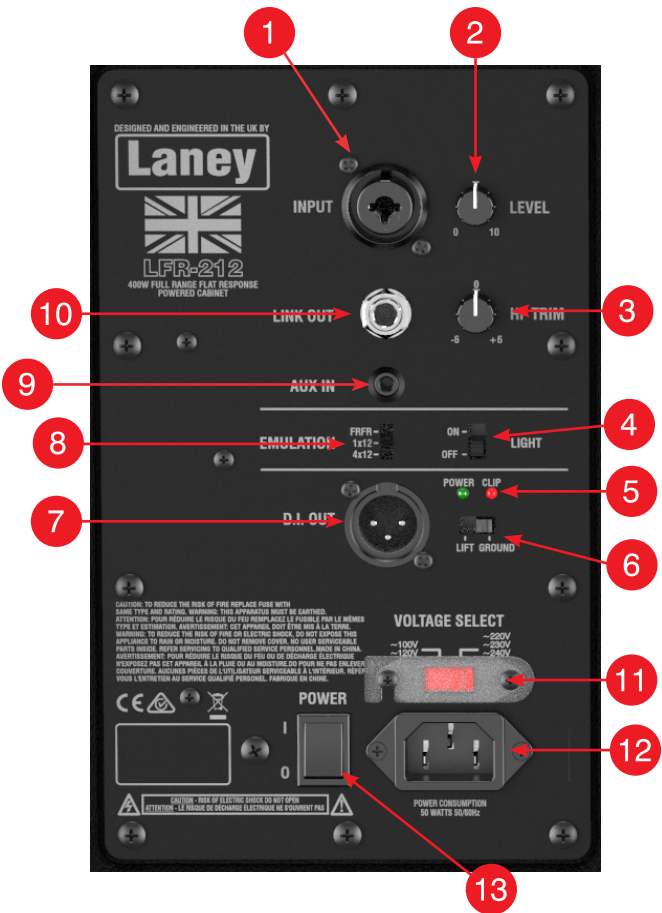
LFR-212 FEATURES



LFR-212 FEATURES

- 1 - **INPUT** : The LFR-212 features a female XLR Combi jack line level input marked INPUT. Balanced connections should be used as much as possible to reduce AC HUM and interference, especially with long cable runs.
- 2 - **LEVEL** : Control the overall level of the LFR-212 cabinet. Turn the LEVEL control clockwise to increase gain and counter clockwise to decrease gain. Always observe the red CLIP LED on the amplifier panel. This LED lights when a signal is clipping. Set your input level so that you have the red CLIP LED blink occasionally and not constantly. A constant CLIP LED light indicates an over loading condition and should be avoided. Reduce the signal level if the CLIP LED lights or blinks constantly.
- 3 - **HF-TRIM** : Allows you to tailor the LFR-212 cabinets hi end response in relation to the environment you are in. Allows you to add or remove HF content to the signal without having to alter your patch parameters.
- 4 - **ILLUMINATION** : Allows you to turn on or off the cabinet LED illumination.
- 5 - **CLIP LED** : Illuminates just before the amplifier begins to clip and distort. Adjust the level controls and signal level from your source so this illuminates only briefly on peaks in the music. Using the system with this LED on all or much of the time will result in poor sound quality and possible damage to speakers and electronics.
- 6 - **GROUND LIFT** : Removes or reduces ground related noise arising from ground loops from using multiple units.
- 7 - **DI-OUT** : Balanced XLR-DI out for sending your LFR-212 signal direct to the PA – no need to mic your LFR-212. The output from the DI-OUT can be sent FRFR or CABINET EMULATED if desired.
- 8 - **EMULATION** : Allows you to select one of three modes. FRFR – gives you a FULL RANGE FLAT RESPONSE output – totally flat and uncoloured. You can also select either a 1x12 or a 4x12 cabinet emulation. This emulation mode also appears at the DI-OUT.
- 9 - **AUX-IN** : Use this socket for connecting an external sound source – the volume of the sound source is controlled by its on-board volume control.
- 10 - **LINK OUT** : Use this socket to connect to an additional LFR-212. Use a good quality TRS cable to ensure the best quality.

LFR-212 FEATURES

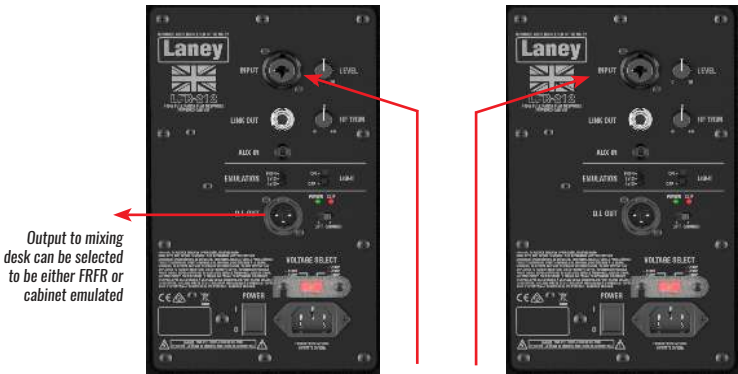


LFR-212 FEATURES

- 11 - VOLTAGE SELECT:** *This is factory set to the correct voltage for the region the product is supplied to. If necessary it can be reset by removing the mains lead and loosening (but not removing) the screws securing the cover. The cover can then be pivoted away from the switch which can be moved to select the alternative voltage. DO NOT reconnect the mains lead until the cover is replaced and secured.*
- 12 - MAINS INLET SOCKET :** *IEC input for connection of an appropriate mains lead. Make sure the voltage indicated on the voltage selection switch is correct for your country.*
- 13 - MAINS SWITCH :** *Turns the system on and off. Ensure the level controls are set at minimum when switching on and off.*

BASIC SET-UP DIAGRAM

Due to the flexibility offered by modelling set ups it is not possible to cover all the set-up options available in this manual. Below is a basic set up to get you going. For further information on alternative ways to utilise your LFR-212 please consult the Laney website periodically



Main output from sound source. For mono use Left (mono).
For a stereo rig use left (mono) & right to independent LFR-212 cabinets



SOUND SOURCE - modelling preamp, pedal board, DAW or effects processor

Technical Specifications

LFR-212

Product	ACTIVE guitar cabinet
Power	800 W Peak
Channels	Single Channel
Features	Level HF-trim XLR/Jack combi input 1/4 link out Selectable Cabinet emulation FRFR, 1 x 12" or 4 x 12" options Switchable Front Baffle Illumination
Speaker	2 x 12 FRFR drivers 1" LaVoce Compression driver
Unit Size/mm	770x553x358 (HxWxD)
Unit Weight	29 Kg
Carton Size mm	850x650x450 (HxWxD)
Packed Weight	35 Kg
Power Consumption	50W



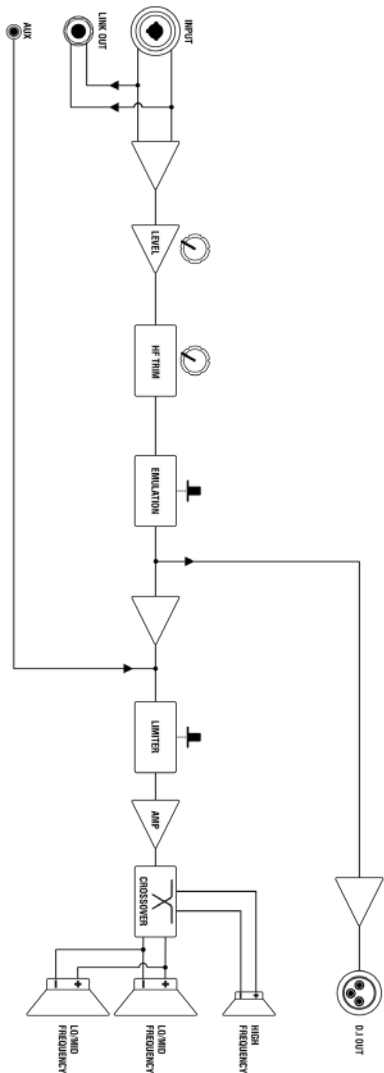
Manufacturer: Laney Electronics Ltd.

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BLOCK DIAGRAM



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