

MIX-4LIVE

BLUETOOTH®/USB/PC 4-CHANNEL MIXER

MEZCLADOR 4 CANALES BLUETOOTH®/USB/PC

TABLE DE MIXAGE 4 CANAUX BLUETOOTH®/USB/PC

MISTURADOR 4 CANAIS BLUETOOTH®/USB/PC



INSTRUCTION MANUAL/MANUAL DE USUARIO/
MODE D'EMPLOI/MANUAL DE INSTRUÇÕES

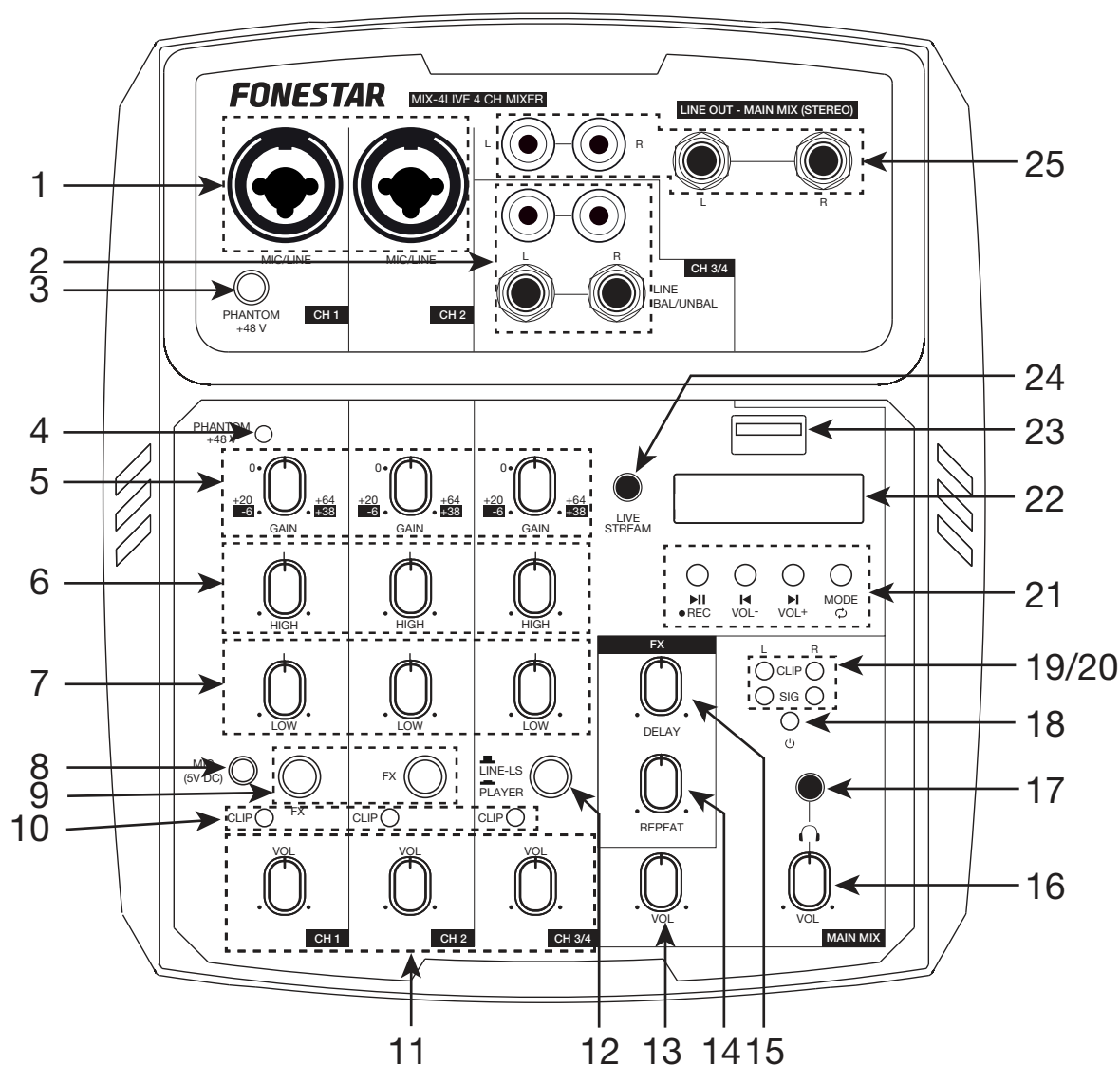
FONESTAR

DESCRIPTION

- 4-channel stereo mixer with live streaming function, PC audio card and USB recorder/player.
- Live streaming function, you can connect your smartphone or tablet and stream your live performance on your favourite platform, with no need for anything else.
- Connect the mixer to your PC as an audio card. You can play audio content from the PC and record audio on the PC simultaneously.
- USB recorder and player, play music or record the performance without a PC.
- It includes effects (delay and repeat) with level control, which will give an extra touch to your performances.

CONTROLS

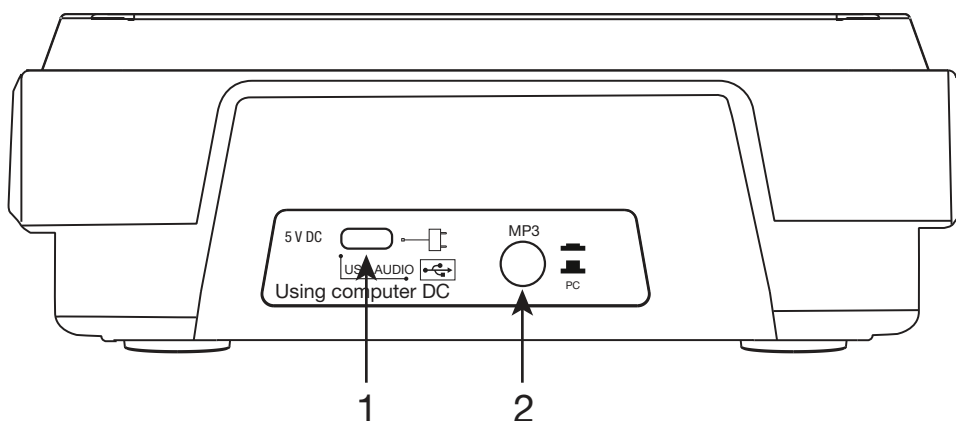
FRONT PANEL



- 1.- **MIC/LINE CH 1-CH 2:** microphone or line inputs, use the channel GAIN control to change the input sensitivity, 6.3 mm combo jack and balanced XLR connector. It is possible to connect a condenser microphone only on channel 1. To do this, you must switch on the phantom power of this input with the PHANTOM +48 V button.
- 2.- **LINE CH 3/4:** channel 3/4 line level inputs, 2 x RCA and 2 x 6.3 mm jack balanced connectors.
- 3.- **PHANTOM +48 V CH 1:** phantom power of the XLR connector on input channel 1. Must be activated when the microphone to be connected is a condenser microphone.
- 4.- **PHANTOM +48 V :** channel 1 phantom power supply activation indicator light.

- 5.- **GAIN:** input gain control. For the MIC microphone input (XLR) the range is from +20 dB to +64 dB, and for the LINE input (6.3 mm jack) from -6 dB to +38 dB.
- 6.- **HIGH:** high pass filter with 10 kHz cut-off frequency.
- 7.- **LOW:** w pass filter with 30 Hz cut-off frequency.
- 8.- **MIC (5 V DC):** 5 V DC condenser microphone input, 3.5 mm TS jack plug.
- 9.- **FX:** selector of the channel send to the FX integrated effects processor. The effects are repeat (REPEAT) and delay (DELAY) which are set from the respective potentiometers.
- 10.- **CLIP:** LED which lights up when the input signal level is too high. In this case, decrease the input level with the GAIN control until the indicator light turns off or turns on occasionally. If you are using the player and this indicator lights up on channel 3/4, turn down the volume on the player itself with the **◀** and **▶** buttons.
- 11.- **VOL:** volume control of the input channel that is sent to the FX integrated effects processor (DSP) or to the MAIN MIX output.
- 12.- **LINE-LS/PLAYER:** input selector for channel 3/4: LINE line input and LIVE STREAM input or player and PC.
- 13.- **MAIN MIX - VOL:** volume control of the MAIN MIX output.
- 14.- **FX – REPEAT:** control to regulate the ECO effect by repeating the input audio more or fewer times.
- 15.- **FX – DELAY:** control to regulate the delay effect by modifying the time between the original audio and its repetition.
- 16.- **🎧 - VOL:** monitor output volume control **🎧** (PHONES).
- 17.- **🎧:** stereo monitor output for headphones, 3.5 mm stereo jack plug.
- 18.- Mixer operation indicator light.
- 19.- **CLIP:** indicator lights on the left (L) and right (R) channels when the MAIN MIX output level is too high. In this case, decrease the level of the input or inputs that are causing it by means of the VOL control of the corresponding channel until the indicator light turns off or turns on occasionally.
- 20.- **SIG:** Left (L) and right (R) channel indicator lights when signal is detected at the MAIN MIX output.
- 21.- Integrated player controls:
 - a.- **▶||● REC:** a short press starts or pauses playback. A long press starts/stops the recording of the MAIN MIX signal on the USB device connected to the front of the unit. During recording, you can pause/resume recording with a short press of the **▶||** button.
 - b.- **◀/VOL-:** a short press skips to the previous song. And a long press decreases the volume of the player.
 - c.- **▶/VOL+:** a short press skips to the next song. And a long press increases the volume of the player.
 - d.- **MODE/🔄:** a short press switches the player mode. In USB mode, a long press changes the repeat mode: repeat all (ALL) or repeat one song (ONE).
- 22.- Player information display.
- 23.- USB port for audio file playback.
- 24.- **LIVE STREAM:** line input and output for smartphone/tablet connection, 3.5 mm TRRS jack connector. The signal from the connected device will enter the mixer on channel 3/4 if the input selector is in the LINE/LS position and will receive audio from the rest of the mixer inputs.
- 25.- **LINE OUT - MAIN MIX:** MAIN MIX bus line level outputs, 2 x RCA and 2 x 6.3 mm jack connectors.

REAR PANEL



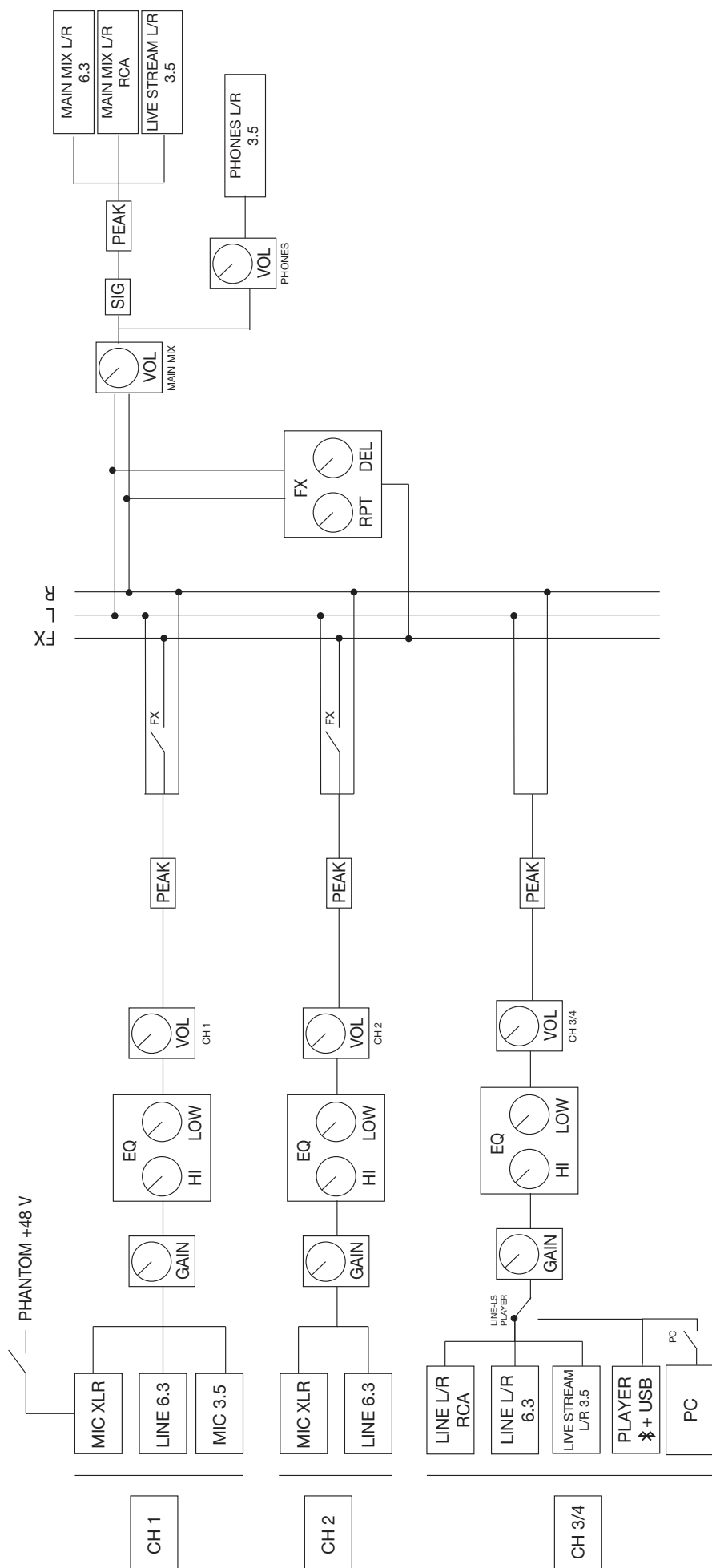
- 1.- Power input and PC/Mac (Plug and Play). If a PC/Mac is connected with a USB cable this connection is for audio input and output or for control of the connected USB device. USB-C connector.
- 2.- Power and PC input operation selector.

	Equipment power supply only MIX-4LIVE
	PC/Mac connection + power supply: - If you connect a USB device to the front of the unit, the PC/Mac will be able to view and modify its contents as long as PC mode is selected on the player. - If the USB port on the front of the unit is free, the PC/Mac will detect the mixer as an input and output device. That is, you can send audio to channel 3/4 as long as you have the PC mode selected on the player and the LINE-LS/PLAYER selector pressed. At the same time, you will be able to receive MAIN MIX audio on the PC/Mac as long as you have the PC mode selected on the player and regardless of the LINE-LS/PLAYER selector.

CONNECTION

- Before making any connections, make sure that all devices are switched off and disconnected from the power supply.
- Check that all volume controls for each channel and the MAIN MIX output are set to minimum.
- Connect the desired equipment to the input channels.
- If you want to use the player, connect a USB device or connect a device via Bluetooth connection and press the LINE-LS/PLAYER selection button on channel 3/4.
- Connect the MAIN MIX output to a line level input of a power amplifier.
- Connect the equipment to the power supply. Switch on the equipment in this order: peripheral equipment, followed by the **MIX-4LIVE** mixer and lastly the power amplifier (if necessary).
- Adjust the gain of each channel by displaying the channel's CLIP indicator.
- Adjust the volume of each channel with the VOL volume controls.
- Adjust the output level of the MAIN MIX main mix bus with its VOL volume control.

BLOCK DIAGRAM



TECHNICAL SPECIFICATIONS

	MIX-4LIVE
FEATURES	2-channel mono and 1-channel stereo mixer. Live streaming function, connect your smartphone for live streaming. USB audio input/output for PC connection as Plug and Play audio card on Windows and Mac, allows simultaneous audio playback from PC and recording. 4.2 Bluetooth Receiver USB recorder/player. 2 digital effects (delay and repeat).
USB PLAYER	Plays or records MP3 files from USB USB-C port for PC connection as Plug and Play audio card on Windows and Mac
INPUTS	2 balanced microphones/lines, combo (XLR, 600 Ω 5 mV RMS and 6.3 mm jack, 47,000 Ω 30 mV RMS) 1 balanced/unbalanced stereo line channel, 2 x 6.3 mm jack/2 x RCA, 47,000 Ω 300 mV RMS 1 stereo auxiliary for live streaming, 3.5 mm TRRS jack, 47,000 Ω 300 mV RMS 1 mic, 3.5 mm mono jack, 600 Ω 5 mV RMS 1 USB/PC, stereo
CONTROLS	4 controls per channel: gain, 2-band EQ, volume, and clip indicator light Effects level control Headphone volume Independent main output volume control
FUNCTIONS	2-band equaliser per channel Overload indicator and master output level indicator light Live streaming USB/PC
OUTPUTS	1 stereo main balanced/unbalanced, 2 x 6.3 mm jack/2 x RCA, 5 V RMS 1 stereo auxiliary for live streaming, 3.5 mm TRRS jack, 500 mV RMS 1 stereo headphone, 3.5 mm TRRS jack, 500 mV RMS 1 USB/PC, stereo
PHANTOM	48 V on channel 1, selectable 5 V at 3.5 mm jack plug on channel 1
RESPONSE	20-20,000 Hz
DISTORTION	Harmonic: 0.05 %
S/N RATIO	> 68 dB
POWER SUPPLY	5 V DC, 2.1 A with adapter included
DIMENSIONS	175 x 55 x 190 mm depth
ACCESSORIES	3.5 mm TRRS male-male audio cable USB-A to USB-C power cable USB power adapter

SIMPLIFIED EU DECLARATION OF CONFORMITY

FONESTAR SISTEMAS S.A. hereby declares that the Bluetooth/USB/PC 4-channel mixer MIX-4LIVE complies with Directive 2014/53/EU.

The complete text of the EU Declaration of Conformity is available at the following internet address:

fonestar.com/en/MIX-4LIVE

www.fonestar.com