

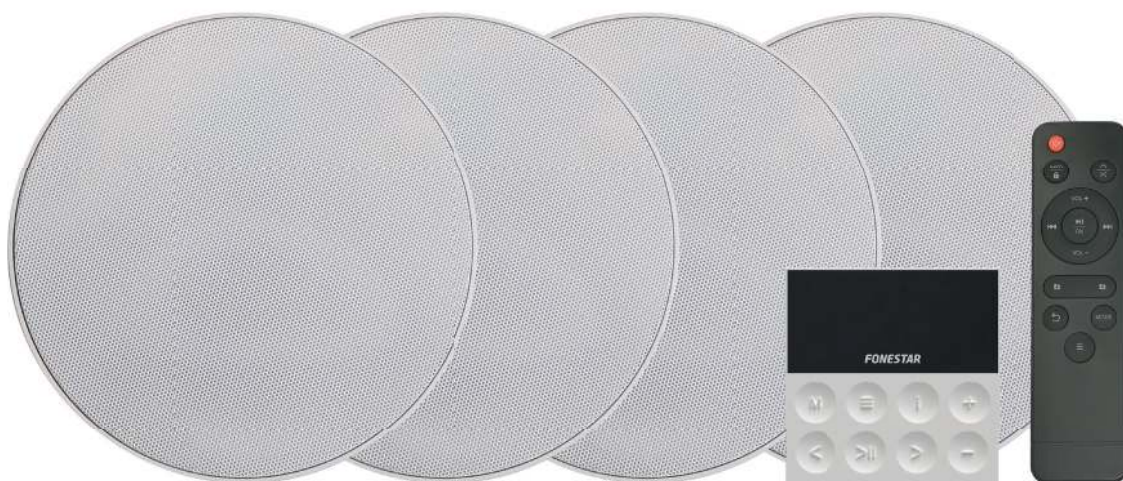
KS-WALL, KS-WALL-4

AUDIO SYSTEM

KIT DE SONIDO

KIT DE SON

KIT DE SOM



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

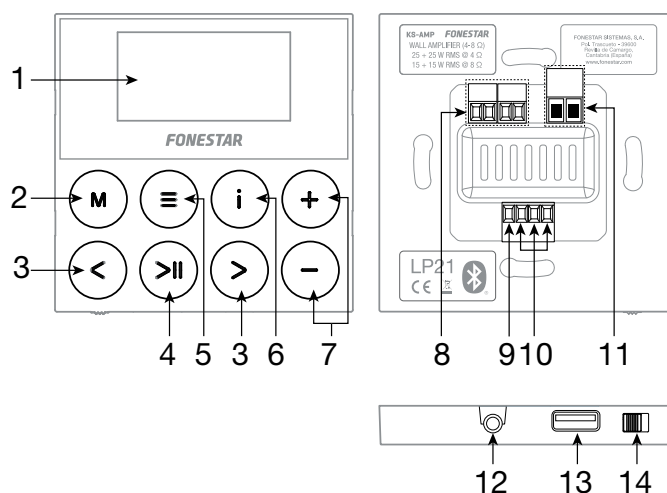
FONESTAR

DESCRIPTION

- All-in-one sound kit including ceiling speakers and wall amplifier.
- With multiple playback options: Bluetooth®/USB/MP3, FM tuner with 50 presets and two auxiliary inputs expand your possibilities and allow you to enjoy music played from any other device with line-level output.
- In addition, thanks to its 6" ceiling speakers, you can enjoy high-quality, powerful stereo sound without distortion.
- Allows you to set a maximum volume, setting a limit to ensure that the desired volume is not exceeded. In addition, it has a sleep timer and bass and treble equalization.
- This kit allows installation in a standard universal square box and easy integration into any space.
- Control via touch panel or via the included remote control.
- **KS-WALL:** amplifier with **KS-AMP** remote control + 2 KS-SPEAK speakers.
- **KS-WALL-4:** amplifier with **KS-AMP** remote control + 4 KS-SPEAK speakers.

CONTROLS AND FUNCTIONS

KS-AMP AMPLIFIER



- 1.- Information display.

NOTE: the display will turn off after 10 minutes without pressing any button on the amplifier or remote control. Press any button to turn it back on.

- 2.- **M**: press this button successively to switch between the different play modes: FM radio, USB, Bluetooth, AUX 1 and AUX 2.
- 3.- **</>**: in USB and Bluetooth mode, a short press of these buttons allows you to select the Previous/Next Song that is currently playing. A long press on these buttons allows you to Rewind/Fast Forward the playback.

In Radio Mode, a short press on these buttons switches to the next stored station. A long press selects the previous/next frequency with signal.

On the menu, it allows vertical navigation through the menu options.

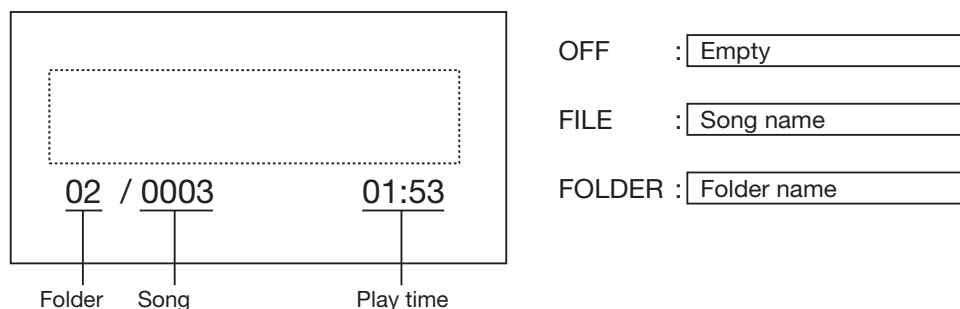
- 4.- **>||**: in USB and Bluetooth mode, you can start and pause playback.

In radio mode, a short press turns audio output ON/OFF. And a long press automatically tunes and stores available FM stations.

On the menu, you can select the shaded option.

- 5.- **≡**: active mode menu access. To exit, press the button again or select EXIT on the menu. For more information, please refer to the MENU section.
- 6.- **i**: a long press of this button locks/unlocks the amplifier buttons.

In USB mode, press this button repeatedly to change the additional information to be shown on the display: OFF (no additional information shown), FILE (name of the song playing) and FOLDER (name of the folder containing the song playing).



7.- **-/+**: amplifier volume controls.

You can change the value of the selected option on the menu.

8.- **L R**: connection terminals for speakers, euroblock connector. Connect a speaker to each channel (L, R) according to the polarity indicated. For more information, please refer to the **INSTALLATION** section.

9.- **FM**: antenna terminal, euroblock connector.

10.- **AUX 2**: stereo line level auxiliary input, euroblock connector.

11.- **~100-240 V**: connection terminals for 100-240 V AC power supply, euroblock connector.

12.- **AUX 1**: line level stereo auxiliary input, 3.5 mm stereo jack.

13.- **USB**: USB storage device connection port.

14.- **ON/OFF**: Switch to turn the amplifier on/off.

IMPORTANT: It is recommended that you turn off the device when it is not in use to save power and extend its life.

REMOTE CONTROL

1.- **≡**: active mode menu access. To exit, press the button again or select EXIT on the menu. For more information, please refer to the **MENU** section.

2.- **↶**: on the menu, returns to the previous menu.

3.- **▶II/OK**: in USB and Bluetooth mode, you can start and pause playback.

In radio mode, a short press turns audio output on/off. And a long press automatically tunes and stores available FM stations.

On the menu, select the shaded option.

4.- **⏮ / ⏭**: in USB and Bluetooth mode, a short press of these buttons allows you to select the previous/next song that is currently playing. Only in USB mode, a long press on these buttons allows you to rewind/fast Forward the playback.

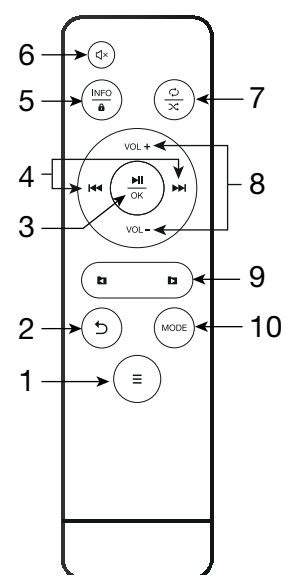
In Radio Mode, a short press on these buttons switches to the previous/next stored station. A long press selects the previous/next frequency with signal.

In the menu, allows vertical navigation through the menu options.

5.- **INFO/🔒**: a long press of this button locks/unlocks the amplifier buttons.

In USB mode, press this button repeatedly to modify the additional information to be displayed on the screen: OFF (no additional information displayed), FILE (name of the song being played), and FOLDER (name of the folder containing the song being played).

6.- **🔊**: turns the audio output on/off.

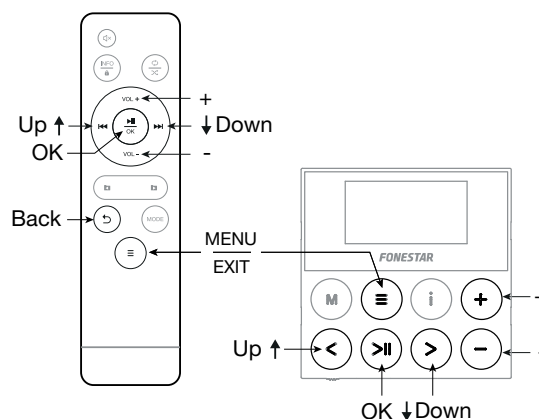


- 7.- **⏮/⏭**: in USB mode, select play mode:
- OFF: plays all songs in order and stops.
 - REPEAT ONE: repeats 1 song.
 - REPEAT ALL: repeats everything.
 - RANDOM: plays all songs in random order.
 - REPEAT FOLDER: repeats all songs in a folder.
 - RANDOM FOLDER: plays all songs in a folder in random order.
- 8.- **VOL-/VOL+**: amplifier volume controls.
On the menu, it allows you to change the value of the selected option.
- 9.- **⏮/⏭**: in USB mode, allows you to select the previous/next folder.
- 10.- **MODE**: press this button successively to switch between the different playback modes: FM radio, USB, Bluetooth, AUX 1 and AUX 2.

MENU

Each mode has its own options in addition to 4 options common to all modes.

Use the buttons on the amplifier or on the remote control to navigate through the menu.



OPTIONS COMMON TO ALL MODES OF OPERATION:

- **< BASS 00 >**: attenuates/reinforces bass frequencies.
- **< TREBLE 00 >**: attenuates/reinforces treble frequencies.
- **< VOL MAX 100% >**: allows you to limit the maximum volume. The options are: 25%, 50%, 75%, or 100%.
- **< SLEEP OFF >**: allows you to program the automatic deactivation of the audio output after the specified time has elapsed: 30, 60, or 90 minutes, or OFF to disable this option. When this function is active, the display will count down the set minutes.

NOTE: this option does not turn off the equipment, it only disables the audio output, so the amplifier will remain on with the screen off.

- **< EXIT >**: select this option to exit the menu or press the **≡** button.

NOTE: one of the menus will display the **< BACK >** (return) option that will allow you to return to the previous menu.

FM RADIO OPTIONS:

- **< AUTO MEMORY >**: performs an automatic search for FM stations and stores them in memory.
- **< SCAN AUTO >**: pressing the **</>** buttons on the amplifier or **⏮/⏭** on the remote control selects the previous/next frequency with signal.
- **< EDIT CH >**: allows you to move or delete stations stored in memory to customise the listing. You must have previously performed an automatic search (AUTOMEMORY or long press **>||**). Enter this menu option to view the list of stored stations. Select the memory position to be modified and choose the action you want to perform from the following:
 - **< MOVE >**: moves the station from a selected memory position to another position, swapping one for another. That is, if you changed station CH01 87.5 (source) to station CH04 100.5 (destination), at the end of action CH01 it will be 100.5 and CH04 87.5.
 - You have already selected the source location and now you have to select the destination memory location where you want to move the previously selected station.

- : deletes the station from the selected memory location. select the memory location (station) to be deleted. This action requires confirmation by selecting or if you selected it by mistake press (return) to return to the previous menu without deleting the station.

USB OPTIONS:

- : allows you to select a folder from the existing ones on the USB device.
- : allows you to select the playback mode:
 - : plays all songs in order and stops.
 - : repeats 1 song.
 - : repeats all.
 - : plays all songs in random order.
 - : repeats all songs in a folder.
 - : plays all songs in a folder in random order.

BLUETOOTH OPTION:

- : unpairs the connected device and remains in a standby state to be paired again.

OPTIONS AUX1 AND AUX 2:

(Does not have its own functions)

BASIC OPERATION

FM RADIO MODE

- Select FM RADIO mode on the amplifier.
- Perform an automatic tuning of the stations to start using this mode.
- Once finished, you can select the station you wish to listen to from among those already set.
- If you wish to customise the list of stations stored in memory, you can do so via the menu options.

BLUETOOTH MODE

- Select BLUETOOTH mode on the amplifier to pair your smartphone or tablet from which you want to send audio.
- On your smartphone/tablet, turn on Bluetooth mode. Finally, search for and select the **KS-AMP** device.
- Select the music on your smartphone/tablet and start playback.
- Make sure your smartphone/tablet is loud enough to be heard through the amplifier. This allows you to control the volume from the amplifier itself at a later time without having to operate any other equipment.

USB MODE

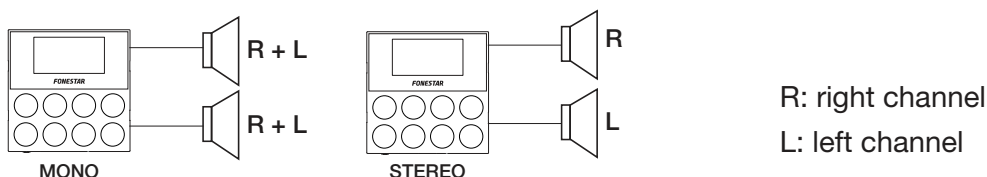
- Connect the USB device to activate USB mode directly or, if already connected, select USB mode by pressing the M (MODE) button repeatedly.
- Once the mode is activated, playback will start automatically.

AUX 1/AUX 2 MODE

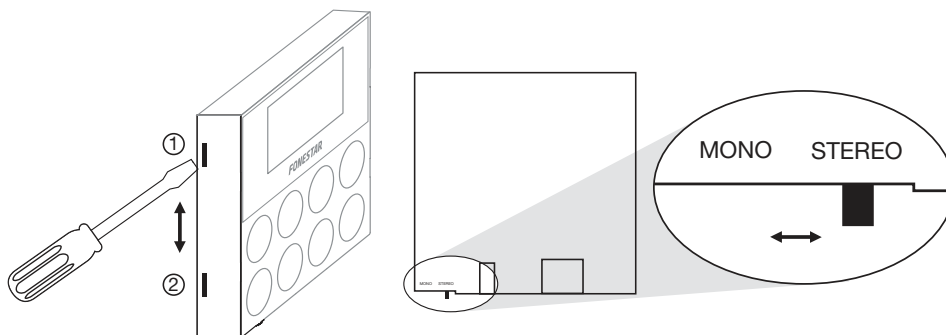
- Select AUX 1 (3.5 mm stereo jack plug, bottom panel of the amplifier) or AUX 2 (euroblock plug, rear panel of the amplifier) mode.
- Activate the audio device (player, mixer, PC, smartphone, etc.) to the AUX1 or AUX2 input and start playback on it.
- Make sure that the signal from your audio device is loud enough to be heard through the amplifier. This allows you to control the volume from the amplifier itself at a later time without having to operate any other equipment.

INSTALLATION

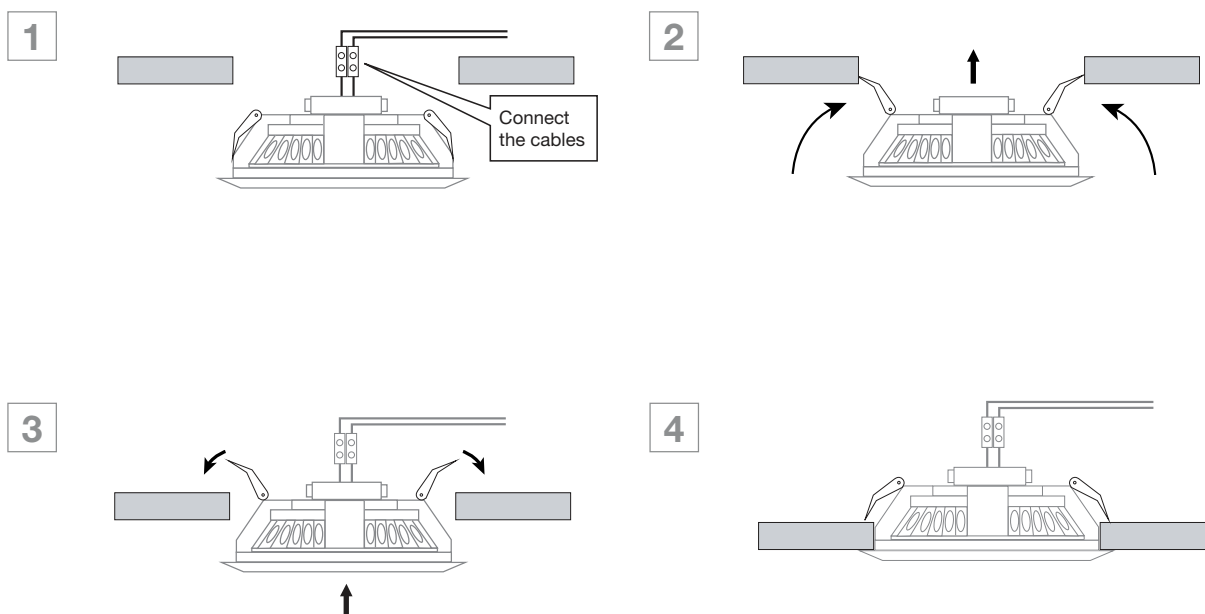
- 1.- Set the audio output to MONO or STEREO on the amplifier. If the audio output is set to MONO both channels will play the same signal (left and right channel mixed), but if the configuration is set to stereo the audio on the R and L channels will be different (R: right channel; L: left channel).



To do this, insert a flat-blade screwdriver into the slots on the side of the amplifier and pry the front and rear of the amplifier apart. On the back of the front you will find a small switch with 2 positions (MONO and STEREO), select the desired setting with the help of a flat screwdriver.

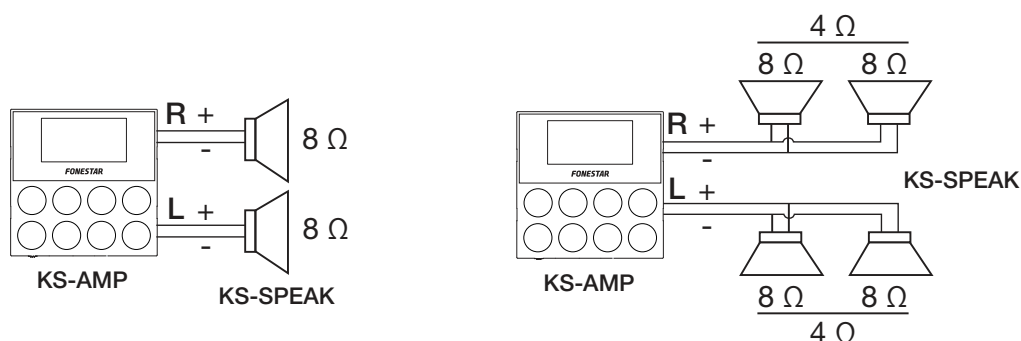


2.- Install the speakers in the ceiling taking into account the audio output configuration made in the previous step. 170 mm cutting hole.



RECOMMENDATIONS FOR LOUDSPEAKER PLACEMENT

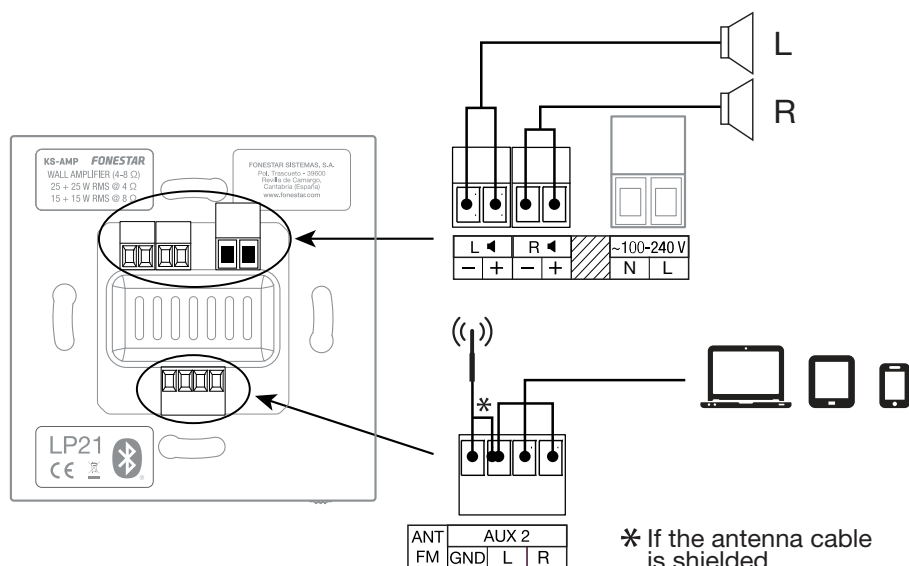
- If the audio setting is stereo:
 - never place speakers of different channels (R and L) in different rooms.
 - install the speakers in the appropriate position, relative to the listener's position, depending on which amplifier output R or L they are connected to (R: right channel; L: left channel).
- For in-ceiling placement of stereo speakers, it is recommended to place the ceiling speakers at the same distance from each wall, along the length of the room and at least 2 metres apart to achieve the best stereo separation effect.
- If the loudspeakers are going to be within 2 metres of each other, consider placing one loudspeaker in that room and the other(s) in another room. In this case, it will be necessary to set the audio to MONO.



KS-WALL

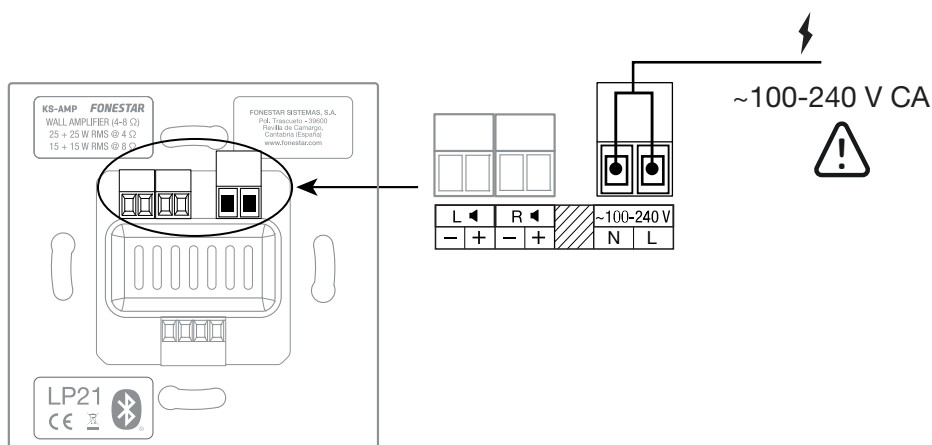
KS-WALL-4

3.- Connect the antenna, the speakers and the AUX 2 input.



4.- Switch on the power supply to the amplifier.

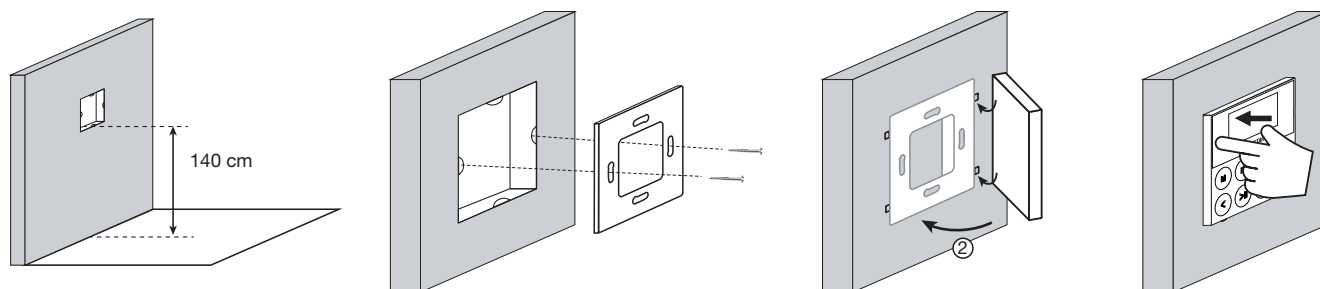
CAUTION! be careful when connecting the power. First disconnect the power supply to the automatic circuit breaker to prevent shock.



5.- Install the amplifier in the wall box and attach the front panel.

An installation height of 140 cm from the ground to the base of the **KS-AMP** is recommended.

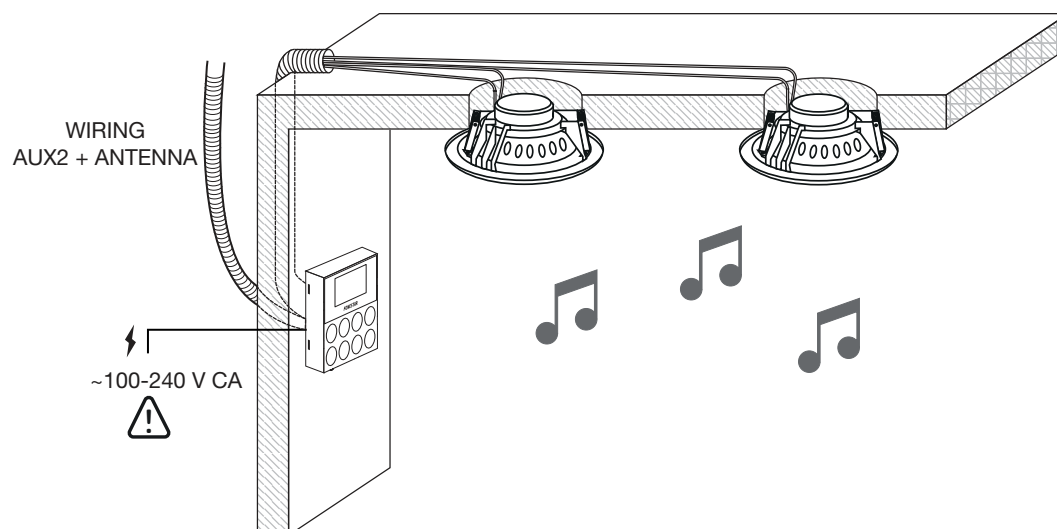
For wall mounting use the designated holes on the rear panel. Then attach the front panel. First fit the tabs on the right side and then press on the left side until both parts are fully interlocked.



NOTE: the amplifier is compatible with both round and square universal standard box. If you would require performing a surface installation, you can make use of FONESTAR's optional mod. FONESTAR **DOT-BOX-B**.

6.- Check operation to verify installation.

IMPORTANT: it is recommended to switch off the device when not in use to save energy and extend the life of the device.



TECHNICAL SPECIFICATIONS

	KS-WALL	KS-WALL-4
FEATURES	Audio system: compact stereo amplifier with 2 x 6" ceiling speakers. Bluetooth receiver. USB player. FM tuner with 50 presets and autosearch. 2 auxiliary line level inputs. Autoplay, starts playback automatically when switched on. Memory of the last selected mode. Memory of playback mode (random, repeat). 2.15" LCD display of mode and playback information. Configurable maximum volume. Sleep timer. Bass and treble equalisation. Mono/stereo selector. Control via touch panel or via the included remote control. For standard universal square and round box.	
POWER	15 + 15 W RMS@8 Ω	25 + 25 W RMS@4 Ω
SPEAKERS	2 x 6" speakers @8 Ω ABS case Round aluminium grille without frame	4 x 6" speakers @8 Ω ABS case Round aluminium grille without frame
INPUTS	1 x aux line, 3.5 mm jack, 200 mV RMS 1 x aux line, euroblock, 200 mV RMS 1 x FM antenna	
OUTPUTS	Loudspeakers: 4-8 Ω, euroblock	
POWER SUPPLY	100-240 V AC	
DIMENSIONS	Amplifier: Exterior: 83 x 83 x 42 mm depth Flush-mounting box: 45 x 45 x 31 mm depth Distance between screws: 60 mm Speakers: 186 mm Ø x 70 mm depth 170 mm cutting hole	
ACCESSORIES	2 x 5 m speaker wiring FM antenna cable Remote control Batteries included	
OPTIONAL	DOT-BOX-B: surface-mounting box	

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