

ASH-7512UB

PORTABLE AMPLIFIER WITH VHF WIRELESS MICROPHONE SYSTEM, USB/SD/MP3 PLAYER AND BLUETOOTH RECEIVER

INSTRUCTION MANUAL



FONESTAR

We take this opportunity to thank you for buying this product.

We recommend you read the instruction manual before switching on the machine and follow the instructions that are given. Keep the manual for future reference.

SECURITY AND THE ENVIRONMENT

ELECTRICAL SECURITY

Check that the current in the mains connection where the machine is to be installed corresponds to the power supply of the machine.

To avoid damaging the equipment, electrical shocks, fire or physical injury when you connect or disconnect the equipment from the power supply, pull the plug firmly out of the mains socket holding the plug, never the cable.

Always do this with dry hands.

Keep the power supply cable far from sources of heat. Do not put heavy objects on top of it or change it.

Clean dust and dirt off the power supply cable regularly.

Do not open the machine; you could get an electric shock.

CAUTION

While installing the machine, make sure it is switched off and unplugged.

Do not open the machine. Touching the internal parts is dangerous and you could receive an electric shock.

The machine must not be splashed or dripped on. Never place recipients with liquid inside on the machine.

Do not place anything inside the machine.

LOCATION

Place the equipment on a horizontal surface with enough space around it to allow ventilation.

Avoid direct sunlight, heat sources and excessive dust.

Do not place the machine near magnetic fields or static electricity.

Do not use surfaces which vibrate or receive impact.

Do not pile machines on top of one another.

VENTILATION

Never block or cover the ventilation slits on the machine.

Do not expose it to direct sunlight or place it near sources of heat.

PERIODS OF INACTIVITY

When the machine is not going to be used for a long period of time, disconnect it from the mains.

If you are using an adapter, take into account that it will continue using electricity even if the machine is switched off. If it is not going to be used for a long period of time, disconnect it from the mains.

THE ENVIRONMENT

To save energy, switch the machine off when you are not going to use it for a long time. The machine could contain substances that are harmful to the environment or human health. To minimize the effect of these substances the machine must be correctly managed and recycled when you decide to dispose of it.

When you dispose of it remember: it cannot be thrown into a conventional rubbish bin.

If it contains or uses batteries, these must be disposed of separately.

The machine (without batteries) must be disposed of correctly. Put it in a container specially intended for the collection of electronic and electrical appliances, at the dump or hand it over to the dealer when you purchase similar equipment, so that the dealer can dispose of it correctly (at no added cost)

SIGNIFICANCE OF THE SYMBOLS ON THE MACHINE*



The symbol formed by the expression “Class 1 laser product” written in a rectangle indicates that visible or invisible laser radiation could be produced. Avoid direct exposure to the laser.



The symbol formed by a ray of lightning inside a triangle shows that the machine has connection terminals or a circuit with areas with a current which could cause an electric shock, even in normal working conditions.



The symbol formed by an exclamation mark in a triangle shows that the instruction manual must be referred to for information on how the machine works and its use.



The symbol formed by one square inside another square shows that the machine has double electrical insulation.



The European Community symbol shows that the machine complies with the current European Union legislation, as well as its transposition to local legislation.



The symbol of a rubbish bin crossed out and over a horizontal line shows that when the product is disposed of it must be done properly, placing it in a special selective electronic and electrical equipment container or through a dealer when purchasing a similar product, at no additional cost. It also shows that the machine was put on the market after 13th August 2005 (European Community Directive 2002/96/CE of Electrical and Electronic recycling, and its Spanish equivalent R.D.208/2005).

In accordance with what is set out in the aforementioned decree, FONESTAR is registered in the RAEE (Registro de Aparatos Eléctricos y Electrónicos) in a special section REI (Registro de establecimientos Industriales), with the entry number 001851.

*It is possible that some of these symbols do not appear on the machine.

EXEMPTION OF LIABILITY

The characteristics of the equipment and the content of the manual can change without forewarning.

FONESTAR, S.A. does not assume responsibilities regarding the inappropriate use of the equipment or the information supplied in this instruction manual, and specifically disclaims any implied liability for marketability or fitness for any other use.

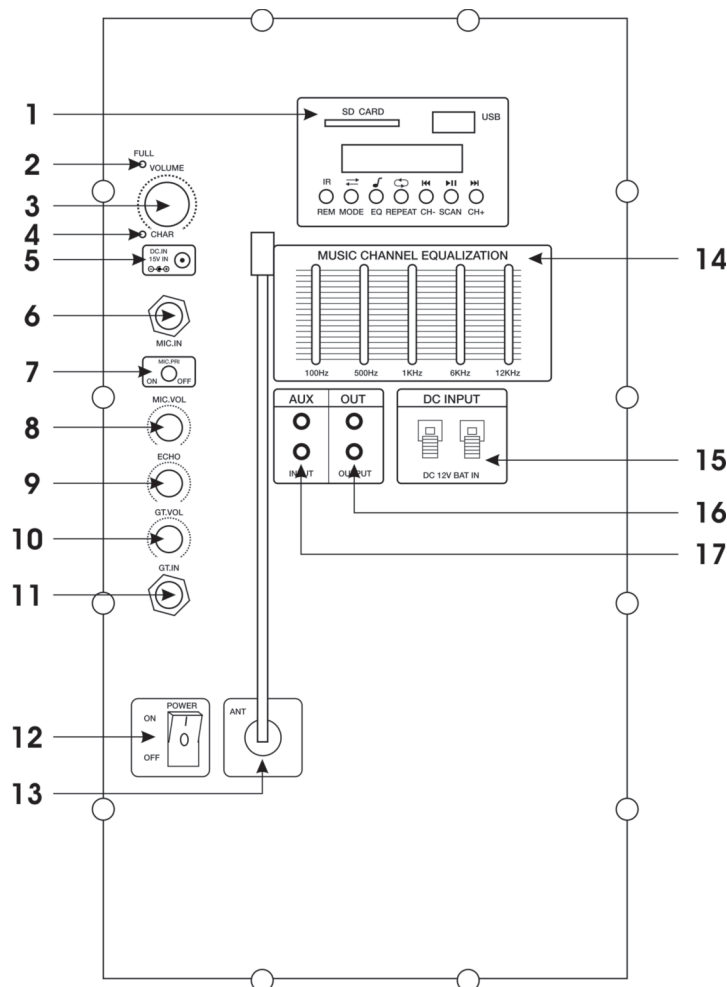
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DESCRIPTION

Portable amplifier with VHF wireless microphone system. 1 VHF receiver with wireless handheld microphone. Class D amplifier, lightweight and energy efficient. USB/SD/MP3 player and bluetooth receiver. Internal lithium battery included and transport trolley.

CONTROLS AND FUNCTIONS

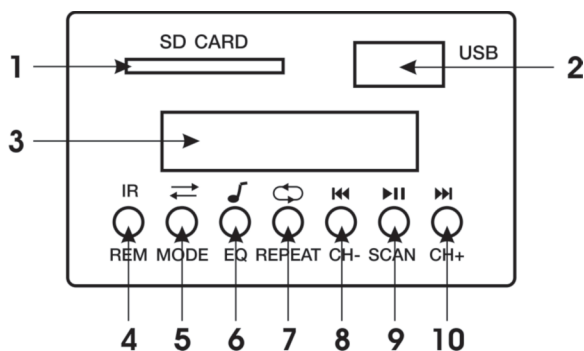
REAR PANEL



- 1.- USB/SD/MP3 player module and bluetooth receiver.
- 2.- **FULL:** LED fully charged indicator. It lights up red when the amplifier's battery is fully charged.
- 3.- **VOLUME:** general volume control.
- 4.- **CHAR:** LED charge indicator. It lights up green when the amplifier's battery is being charged.
- 5.- **DC IN 15 V:** power supply input for the mains adapter provided.
- 6.- **MIC IN:** mic. level input, 6.3 mm jack connector
- 7.- **MIC PRI:** switch to activate/deactivate the priority for the wireless hand-held microphone and for the MIC IN microphone input. When it is in the ON position, the rest of the inputs will attenuate automatically when a signal is detected in the wireless microphone or the mic. input.
- 8.- **MIC VOL:** hand-held wireless microphone and mic. input volume control.
- 9.- **ECHO:** control to adjust the number of repetitions of the echo effect.
- 10.- **GT. VOL:** guitar input volume control.
- 11.- **GT. IN:** guitar connection input, 6.3 mm jack connector.
- 12.- **POWER:** portable amplifier on/off switch.
- 13.- Aerial.
- 14.- 5-band graphic equalizer.

- 15.- **DC INPUT:** connection terminals for direct current.
- 16.- **OUTPUT:** line level output, 2 x RCA connector.
- 17.- **AUX INPUT:** auxiliary line level input, 2 x RCA connector.

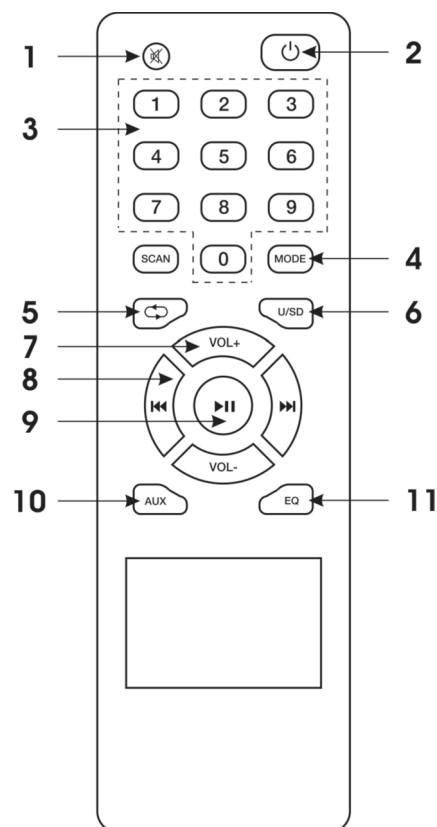
USB/MP3 PLAYER AND BLUETOOTH RECEIVER



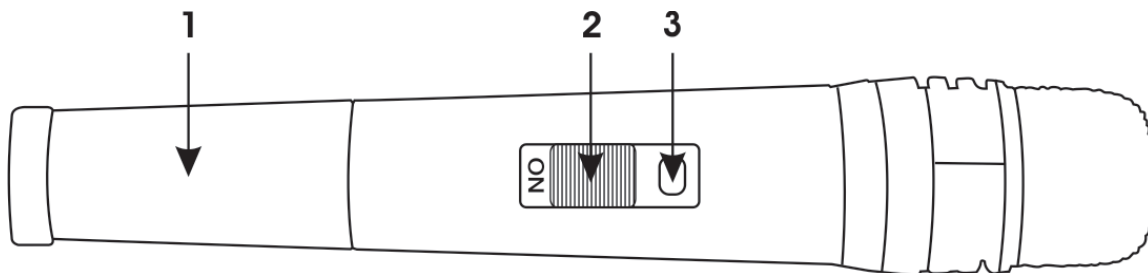
- 1.- SD memory card connection slot.
- 2.- USB storage device connection port.
- 3.- Information display.
- 4.- Infrared receiver for remote control.
- 5.- **MODE:** allows selection between the different playback modes: USB storage device, SD memory card, line level input AUX INPUT or bluetooth receiver.
- 6.- **EQ:** allows selection among the different equalizations that exist.
- 7.- **REPEAT:** allows USB playback mode to be changed between the following: REP ALL (repeat all the tracks) and REP ONE (repeat the track that is playing at that moment).
- 8.- **CH-:** a short press of this button allows you to move to the previous track. A long press allows you to reduce the player's volume.
- 9.- **▶||:** to start and pause playback.
- 10.- **CH+:** a short pres of this button allows you to move to the next track. A long press allows you to increase the player's volume.

REMOTE CONTROL

- 1.- Activate/deactivate the audio output.
- 2.- **⏻:** USB/SD/MP3 player module on/off button
- 3.- **0-9:** numerical buttons for direct selection.
- 4.- **MODE:** allows selection among the different playback modes: USB storage device, SD memory card, line level input AUX INPUT or bluetooth receiver.
- 5.- **REPEAT:** allows the USB playback mode to be changed between the following: REP ALL (repeat all the tracks) and REP ONE (repeat the track that is playing at that moment).
- 6.- **U/SD:** allows selection between the USB storage device or the SD memory card.
- 7.- **VOL +/-:** USB/SD/MP3 player module volume controls.
- 8.- **⏮/⏭:** buttons to move directly to the previous/next track held in the storage device.
- 9.- **▶||:** to start and pause playback.
- 10.- **AUX:** to select line input.
- 11.- **EQ:** allows selection among the different equalizations that exist.



HAND-HELD MICROPHONE



- 1.- **Battery compartment cover** unscrew the battery compartment to access the battery compartment. Use two LR6-AA type batteries, preferably alkaline. When inserting the batteries, make sure that the polarity is correct.
- 2.- **Operating switch:** it has 3 positions, ON, STANDBY (central position) and OFF. Put it in the ON position to operate. Put the switch in the central position (STANDBY) to save battery and the microphone will switch on immediately when moved to the ON position. Before switching the microphone on or off, make sure the amplifier and receiver volume is set to the minimum to avoid damaging the loudspeakers with excessive volume peaks .
- 3.- **LED operating indicator:** by putting the switch in the ON position or in the central (STANDBY) position, the LED indicator will light up green. When there is little charge left in the batteries, the LED indicator will light up red. Replace the batteries with new ones.

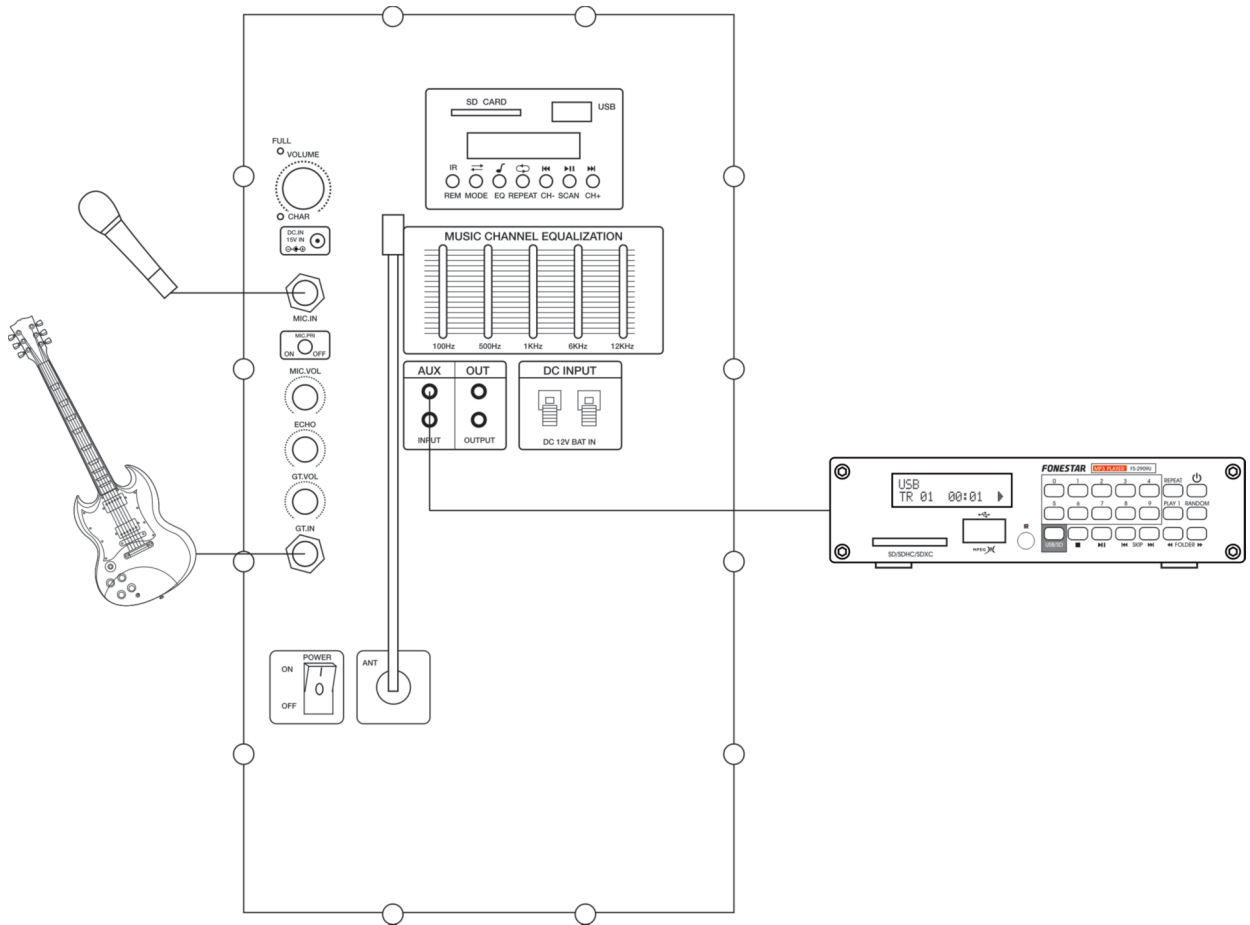
CONNECTION AND OPERATING

Before making any connections make sure that all the devices are switched off and disconnected from the mains supply.

The basic connections are as follows:

- 1.- Microphone input (MIC IN): connect a microphone to this input. Use dynamic microphones with 6.3 mm jack connector.
- 2.- Line input (AUX INPUT): connect an external audio source to the input (CD player, audio player, etc). 2 x RCA connectors.
- 3.- Guitar input (GT IN): connect an instrument of this type to the input with a 6.3 mm jack connector..
- 4.- Audio output (OUT): connect the audio output signal to a recorder, amplifier or another biamplified loudspeaker. Line level output signal with 2 x RCA connectors.
- 5.- Switch on the amplifier with the switch located on the lower part of the rear panel. The device can be powered directly form the mains supply or by using the internal battery.

Once the connections have been made according to your needs, connect the rest of the devices to the pmains supply and switch them on. After use, do not forget to switch off and disconnect the device form the mains supply.



INSTRUCTIONS FOR USE

RECHARGEABLE BATTERY

To charge the battery connect the device to a 230 V CA mains supply using the CA/CC adapter provided. Keep the device connected to the mains supply throughout the time the battery is charging which is approximately 10 hours.

How long the battery lasts depends on the use of the device and the operating mode . In general, the battery lasts over 7 hours.

Note: the device is provided with the battery charged. It is recommended that the battery is recharged immediately after using it.

SWITCHING ON AND POWER SUPPLY

When switching the device on and off, make sure to set the volume controls to their minimum. Depending on the type of power supply the device can be switched on in different ways.

AC: connect the device to the 230 V CA power supply using the AC/DC adapter provided. Switch on the portable amplifier using the switch located on the lower part of the rear panel.

Rechargeable battery: with the AC/DC adapter disconnected, switch on the device using the switch located on the lower part of the rear panel. The device will be powered by the rechargeable battery

USB/SD/MP3 PLAYER

Connect the storage device which includes files in MP3 format using the corresponding port (USB or SD). Playback can be controlled using the controls located on the rear panel of the USB/SD/MP3 player or with the remote control.

PRIORITY

The wireless microphone and the MIC IN input have priority over the rest of the inputs. When there is a signal present in the wireless microphone or in this input, the rest of the inputs will attenuate.

To activate priority press the MIC PRI button located on the rear panel of the device. To deactivate it, press it again.

BLUETOOTH RECEIVER

This model allows MP3 files stored in your mobile telephone to be played if it is paired to the bluetooth receiver module of this portable amplifier

To pair your mobile telephone to the bluetooth receiver, select the BT option with the MODE button on the back. With the bluetooth option activated in your mobile telephone select the BT SPEAKER device BT SPEAKER device from the list of bluetooth devices. At that moment, your mobile telephone is paired to the device.

All the playback options (playback, pause, volume, etc.) are available through the controls on the rear panel and on the remote control

TECHNICAL SPECIFICATIONS

	ASH-7512UB
CHARACTERISTICS	<p>Portable amplifier with remote control.</p> <p>Class D energy efficient and lightweight amplifier circuit.</p> <p>1 VHF receiver with 1 wireless handheld microphone.</p> <p>USB/SD/MP3 player.</p> <p>Bluetooth receiver integrated, plays music received from a mobile telephone.</p> <p>Rechargeable lithium battery.</p> <p>Transport trolley.</p> <p>Selectable echo function.</p> <p>5-band equalizer.</p>
POWER	100 W maximum, 50 W RMS
LOUDSPEAKERS	<p>1 x 12" woofer</p> <p>1 x 1" tweeter</p>
RESPONSE	55-20,000 Hz
INPUTS	<p>1 mic., 6.3 mm jack</p> <p>1 stereo aux, 2 x RCA</p> <p>1 guitar, 6.3 mm jack</p>
OUTPUTS	1 stereo line out, 2 x RCA
PRIORITY	1 mic. and wireless mic. through signal level, selectable
POWER SUPPLY	<p>15 V DC, 3 A with adapter included and 12 V rechargeable internal lithium battery, 13,200 mAh (included)</p> <p>Rechargeable battery life: 5 hours</p> <p>Battery charge time: approximately 5 hours</p>
DIMENSIONS	380 x 590 x 335 mm depth

DECLARATION OF CONFORMITY**FONESTAR SISTEMAS S.A.**

Polígono de Trascueto s/n
39600 Revilla de Camargo, Cantabria (España)

Declares, under its responsibility, that the following equipment:

Description: Portable amplifier with VHF wireless microphone system, USB/SD/MP3 player and bluetooth receiver
Brand: FONESTAR
Model: ASH-7512UB

complies with that shown in the European Parliament and Council directive 1995/5/EC of 9th March 1999, transposed to Spanish legislation through the Real Decreto 1890/2000, on 20th November.

This is class 1 equipment and has no use restrictions.

List of standards applied test

Standard	Area	Compliance with the 1999/5/EC essential directive requirements
EN 300 422-1: V1.4.2	RADIO	Section 3.2 1999/5/EC directive
EN 300 422-2: V1.3.1		
EN 301 489-1: V1.9.2	EMC	Section 3.1b 1999/5/EC directive
EN 301 489-9: V1.4.1		
EN 62479:2010	ELECTRICAL SECURITY	Section 3.1a 1999/5/EC directive
EN 60950-1:2006+A11:2009+		
+A1:2010+A12:2011+A2:2013		

Santander, 17th July, 2015

Juan Vallejo
Technical Engineer, Sales Department

CE0700

WARRANTY

This product has been tested and has passed the corresponding quality control prior to being put on the market.

FONESTAR guarantees the suitability of the product for its specified use during a period of 2 years from the delivery date and commits itself to repair or substitute the goods as expressed in the Spanish law 'La Ley General para la Defensa de los Consumidores y Usuarios, Real Decreto Legislativo 1/2007 16 Noviembre.

The lack of conformity in the first six months after purchase, due to a manufacturing defect, will be rectified with no more than showing the proof of purchase. After six months **FONESTAR** reserves the right to demand proof of the product being sold with that problem.

This warranty does not include damage produced by: inappropriate use or negligence, accidents, worn out parts due to use, breakages, burns, spilt liquids or other substances, excessive humidity, battery deterioration and internal manipulation of the device, the software or its components by unauthorized persons, and in general any use that is unrelated to the nature and purpose of the product.

If any service is needed during the warranty period because of lack of conformity, please contact the business or distributor where the product was purchased in no more than 2 months after being conscious of the problem. It is only necessary to contact **FONESTAR** if it is impossible or imposes an undue burden for them to solve it.

To benefit from this warranty it is necessary to show the proof of purchase with the date clearly visible, with no corrections or crossing out.

This document adds information, and never decreases the consumers' rights, which in all cases are protected by the Spanish law 'La Ley General para la Defensa de los Consumidores y Usuarios, Real Decreto Legislativo 1/2007 16 Noviembre.



FONESTAR is a member of ECOEMBALAJES ESPAÑA, S.A. "ECOEMBES", with number 03497 and all our products carry the symbol, backed by our membership and subscription to the above mentioned organization with the recycling and subsequent management of our packaging.

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