

MPZ-6480RGU

MULTIZONE AMPLIFIER WITH USB/SD/MP3 PLAYER AND FM RADIO

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 lightening 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

Zone amplifier with 6 output zones with independent volume control, pre-recorded message playback and USB/SD/MP3 player/recorder with digital FM tuner.

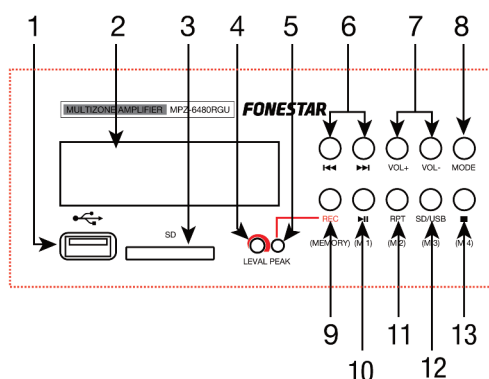
Possibility of paging and pre-recorded message playback in zones through microphone with zone selector **MZ-648**.

Operates in single or dual mode: in single mode, when paging in one or several zones music playback will be interrupted in the rest of the zones; In dual mode an external amplifier is necessary to play the announcements and background music is not interrupted.

Suitable for commercial installations with several loudspeaker zones with the need for pre-recorded message playback and paging in different zones.

CONTROLS AND FUNCTIONS

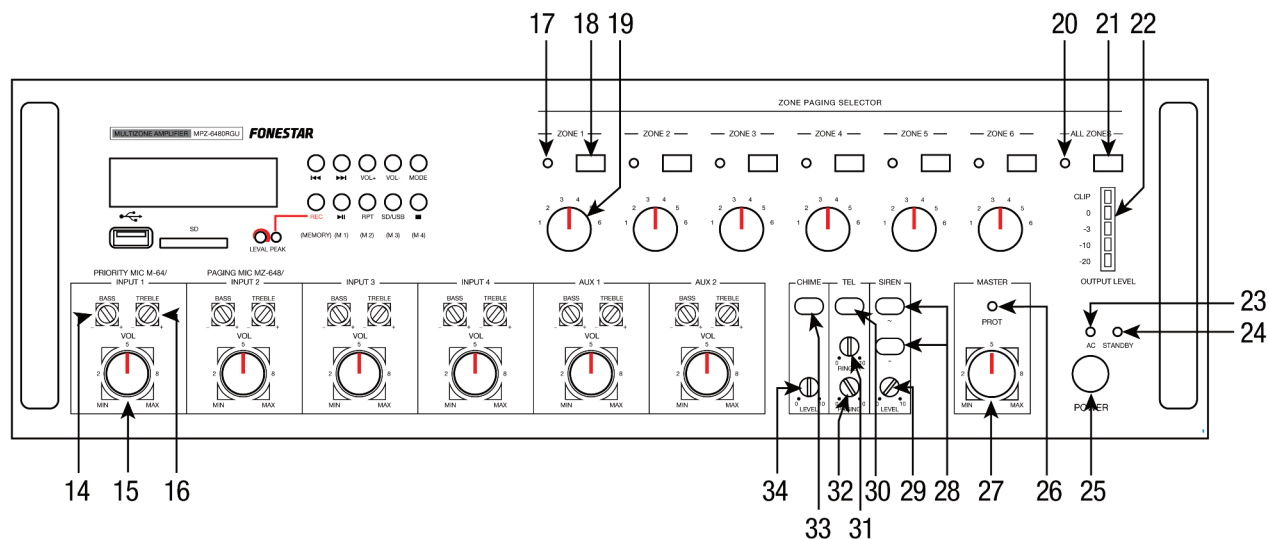
USB/SD/MP3 – FM MODULE



- 1.- **USB:** USB storage device connection port.
- 2.- **Information display.** In MP3 (USB/SD) player with FM tuner mode, it indicates the selected audio source, the playback mode, the volume or the track number. In radio mode, it displays the current station and the volume.
- 3.- **SD:** SD memory card connection slot.
- 4.- **LEVEL:** allows the recording volume to be selected.
- 5.- **PEAK:** recorded signal peak indicator. If it lights up, reduce the level with the LEVEL control to avoid distortion.
- 6.- **◀▶:** in MP3 (USB/SD) playback mode, a short press of these buttons allows moving to the previous/next track. In radio mode, a short press of these buttons allows the current tuning to be increased or decreased by 0.1 MHz. A long press allows moving to the next tuned station.
- 7.- **VOL+/VOL-:** a short press of these buttons allows the volume to be increased or decreased.
- 8.- **MODE:** allows the audio source to be selected between the MP3 (USB/SD) storage device or the FM radio tuner. A long press of this button allows access to the input priority configuration menu. (See input priority level modification section for more details).
- 9.- **REC (MEMORY):** pressing this button selects the recording media between USB or SD. With a second press recording starts in the currently selected device. A long press displays the list of stored stations.
- 10.- **▶|| (M1):** in MP3 (USB/SD) playback mode, a short press allows playback to be started or paused. In radio mode, a short press allows the station stored in position M1 to be selected. A long press stores the current station in the position M1 and then displays the list of stored stations.
- 11.- **RPT (M2):** in MP3 (USB/SD) playback mode it allows the playback mode to be changed among: repeat files, repeat a track, random playback, random file playback and repeat all tracks. In radio mode, a short press allows the station stored in position M3 to be selected. A long press stores the current station in the position M2 and then displays the list of stored stations.

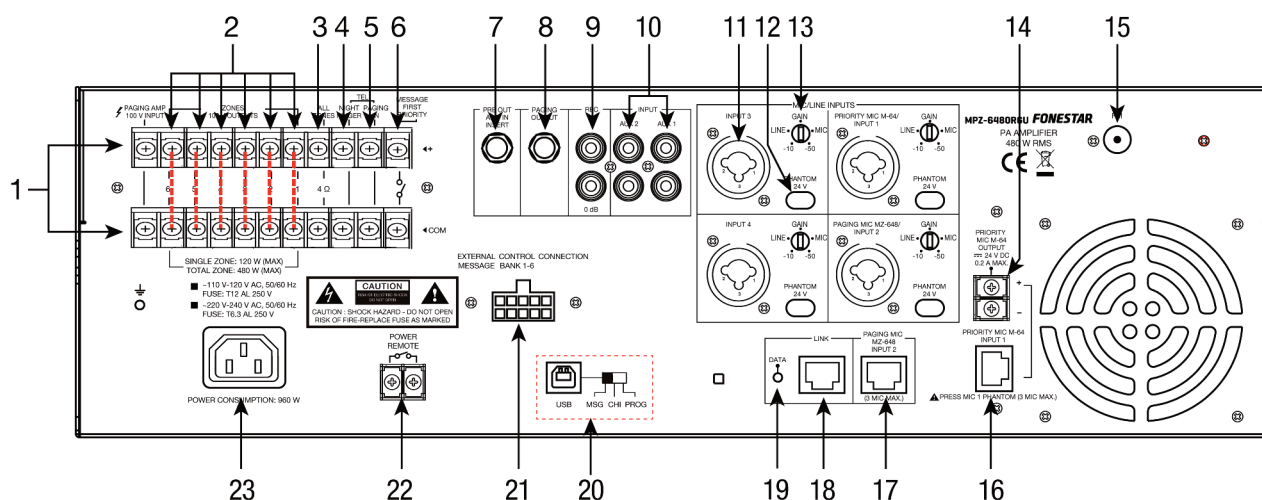
- 12.- **USB-SD (M3):** in MP3 (USB/SD) playback mode it allows changing between the USB and SD audio source. In radio mode, a short press allows the station stored in position M3 to be selected. A long press stores the current station in the position M3 and then displays the list of stored stations.
- 13.- **■ (M4):** stops the current playback. In radio mode, a short press allows the station stored in position M4 to be selected. A long press stores the current station in the position M4 and then displays the list of stored stations.

FRONT PANEL



- 14.- **BASS:** bass tone control.
- 15.- **TREBLE:** treble tone control.
- 16.- **VOL:** knob which regulates the volume of the corresponding input channel. The VOL control of INPUT 1 also controls the volume of the connected **M-64** microphones. The VOL control of INPUT 2 also controls the volume of the connected **M-64** microphones.
- 17.- LED output zone activation indicator.
- 18.- Output zone activation/deactivation button.
- 19.- Output volume control of each zone.
- 20.- Indicador luminoso de activación de todas las zonas.
- 21.- Button to activate/deactivate all zones.
- 22.- LED general output signal level indicators.
- 23.- **AC:** LED power indicator.
- 24.- **STANDBY:** LED standby indicator.
- 25.- **POWER:** on/off switch.
- 26.- **PROT:** LED temperature or overload protection indicator.
- 27.- MASTER output volume control.
- 28.- **SIREN:** emergency SIREN tone activation button. The tone can be ascending, continuous or a combination of the two.
- 29.- **LEVEL:** volume control of the SIREN emergency tones.
- 30.- **TEL:** TEL chime activation button, for the priority input TEL PAGING IN /NIGHT RINGER.
- 31.- **RINGER:** TEL chime volume control.
- 32.- **PAGING:** TEL PAGING IN /NIGHT RINGER input volume control.
- 33.- **CHIME:** CHIME activation button.
- 34.- CHIME volume control.

REAR PANEL



- 1.- **PAGING AMP 100 V INPUT:** 100 V signal input coming from an optional paging amplifier. This amplifier is used to be able to maintain the background music in the zones in which the microphone announcement is not going to be made. The power of this amplifier must be at least the same as that of the total load of the connected loudspeakers.
- 2.- **ZONES 100 V OUTPUTS:** terminals to connect the zone 1 to 6 loudspeaker lines. In order to activate/deactivate the zones, use the switches on the front. Only loudspeakers with a 100 V line transformer must be used with the zone selection terminals. Connect the positive of each zone to the corresponding terminal Z1 to Z6 and the one common to all the zones to a COM terminal. 120 W maximum in each one of the zones. The total connected power in loudspeakers must not exceed the power of the amplifier, 480 W.
- 3.- **ALL ZONES:** 4 Ω low impedance loudspeaker output.
- 4.- **NIGHT RINGER:** paging signal input to be used as a precedent to the TEL PAGING signal. The volume of this tone can be regulated with the RINGER knob on the front panel.
- 5.- **PAGING:** telephone input terminals. Allow the connection of a telephone switchboard to make announcements from the switchboard with priority over the rest of the inputs. Consult the switchboard characteristics in order to adjust the amplifier input level. The signal level can be adjusted with the PAGING control on the front panel.
- 6.- **MESSAGE FIRST PRIORITY:** contact closure that gives maximum priority to the messages stored in the **MZ-648** microphone. When activated, the messages played by the microphone **MZ-648** will not be attenuated even if audio is played from an input with greater priority.
- 7.- **PRE OUT AMP IN INSERT:** direct signal input to the amplifier. When connecting an audio input in this input, the amplifier inputs are cancelled out.
- 8.- **PAGING OUTPUT-:** paging signal output to the external warning amplifier if you wish to use dual mode. This amplifier can be used for paging and the internal amplifier to be able to maintain the background music in the zones in which the announcement is not going to be made. The power of this amplifier must be at least the same as the total load of the connected loudspeakers.
- 9.- **REC:** signal output for recording, mixer, amplifier, etc.
- 10.- **AUX INPUT:** line level inputs. Allow the connection of audio sources, 2 x RCA connectors.
- 11.- **MIC/LINE INPUTS:** microphone/line inputs which use a combined XLR and 6.3 mm jack connector, accepting balanced and unbalanced microphone signals and balanced electret condenser microphones that require 24 V phantom power supply, present in the pins 2 and 3 of the XLR connector. They accept high level line signals, balanced or unbalanced, coming from mixers, CD, tape, tuner, etc.

Select the appropriate gain using the GAIN control, being careful to set the volume controls to minimum to avoid damage.

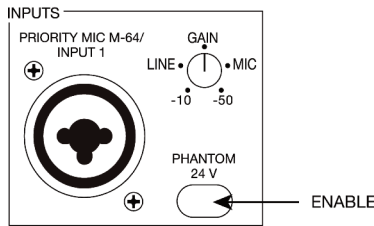
When using microphones that do not require phantom power supply, be sure to put the switch in the MIC position, given that the voltage present in pins 2 and 3 of the XLR connector may cause damage in the microphones. If in doubt, contact your supplier or **FONESTAR** technical service.

- 12- **GAIN:** Controls that regulate the input signal level in INPUT 1-4.
- 13- **PHANTOM 24V:** button that activates phantom power supply (24 V between pins 3 and 1, 2 and 1 of the XLR connector) in the inputs INPUT 1-4. This means that condenser microphones can be used. Use this switch with the volume at the minimum to avoid damage.
NOTE: The phantom power supply must be activated in input 1 to be able to use the **M-64** microphones connected.
- 14- **PRIORITY MIC M-64 OUTPUT:** as messages are being sent from the **M-64** microphone a tension of 24 V DC will be activated between the positive and negative terminals to activate the priority in attenuators
- 15- FM aerial input.
- 16- **PRIORITY MIC M-64 INPUT 1: M-64** microphone input terminal. Allows the connection of up to 3 microphones in cascade. The INPUT 1 volume control VOL controls the volume of the **M-64** microphones connected. Note: The button PHANTOM 24V in input 1 must be activated for the microphone to operate correctly.
- 17- **PAGING MIC MZ-648 INPUT 2: MZ-648** microphone input terminal. Allows the connection of up to 3 microphones in cascade. The INPUT 2 volume control VOL controls the volume of the **M-648** microphones connected.
- 18- **LINK:** extension to connect expansion units.
- 19- **DATA:** connected microphone activity indicator.
- 20- **USB:** port to connect the switchboard to a computer and be able to make changes in the audio files stored in the amplifier. The switch has the following positions MSG/CHI/PROG:
 - MSG: allows the messages stored in the amplifier's internal memory to be modified in order to be played from the **MZ-648** microphone.
 - CHI: allows the chime prior to the call that is stored in the internal memory of the switchboard to be modified, to be used from the **M-64** microphone and the front panel CHIME button.
 - PROG: device firmware upgrading.
- 21- **EXTERNAL CONTROL CONNECTION MESSAGE BANK 1-6:** function not available.
- 22- **REMOTE POWER:** contact closure to activate remote power of the device.
- 23- **AC socket:** to connect AC power supply cable.

INSTRUCTIONS FOR USE

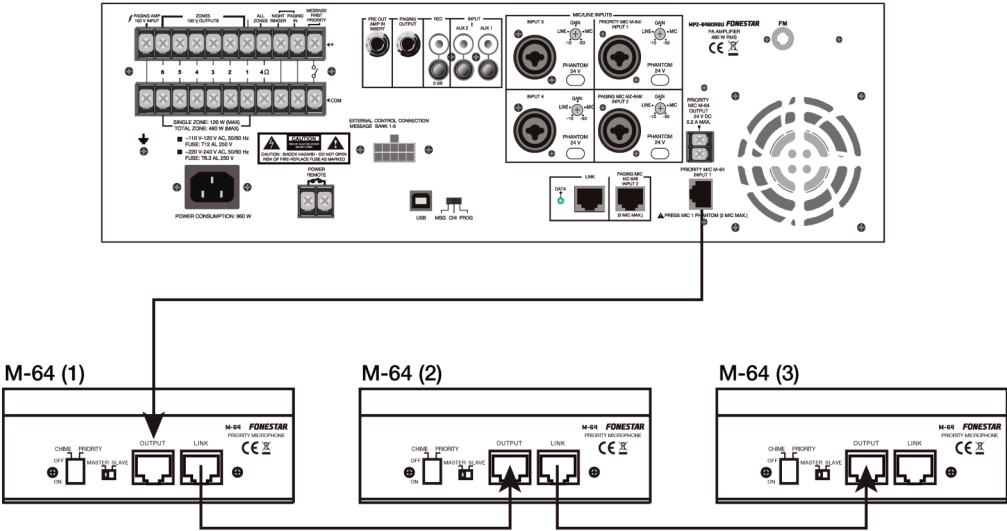
M-64 MICROPHONE CONNECTION

Connect the **M-64** microphone OUTPUT to the PRIORITY MIC M-64 INPUT 1 of the **MPZ-6480RGU** amplifier using the data cables provided. Activate the microphone capsule power supply by pressing the PHANTOM 24 V button in INPUT 1, located on the rear panel of the **MPZ-6480RGU** amplifier.



It is possible to connect a maximum of 3 **M-64** microphones to the system. These microphones are connected in cascade between the LINK output of the first microphone and the OUTPUT of the next.

MPZ-6480RGU



The **M-64** microphone can be assigned maximum system priority (priority 1) located on the PRIORITY selector on the rear panel of the **M-64** microphone in the ON position.

Moreover, the MASTER or SLAVE function of each of the microphones can be chosen. In MASTER mode the **M-64** microphone has priority over the other **M-64** microphones even if the BUSY indicator is lit.



PAGING WITH THE M-64 MICROPHONE

To talk, press and hold the **M-64** microphone TALK button while delivering the message. If the BUSY indicator is lit you must wait until it goes out to be able to talk, given that another **M-64** microphone is in use at that moment.

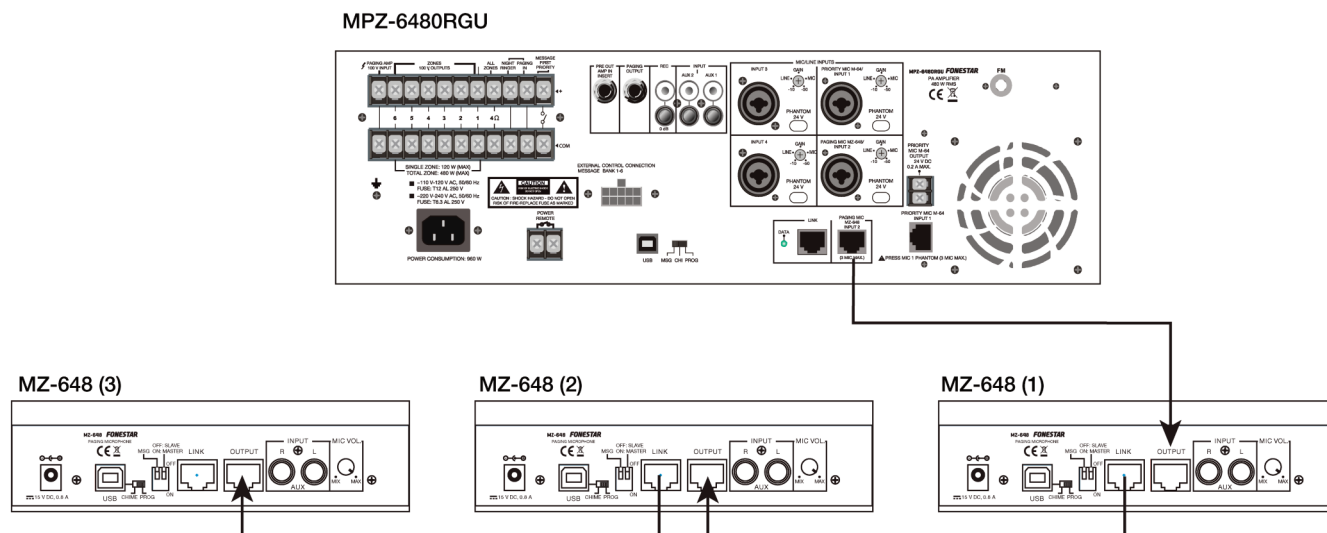
In MASTER mode the **M-64** microphone has priority over other **M-64** microphones even if the BUSY indicator is lit.

MZ-648 MICROPHONE CONNECTION

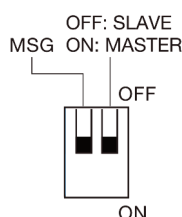
Connect the **MZ-648** microphone output to the PAGING MIC MZ-648 INPUT 2 of the **MPZ-6480RGU** amplifier using the data cable provided.

The microphone requires 15 V DC power supply provided by the mains adapter supplied.

It is possible to connect up to 3 **MZ-648** microphones to the system. These microphones are connected in cascade between the LINK output of the first microphone and the OUTPUT of the next.



Moreover, the MASTER or SLAVE function of each of the microphones can be chosen. In MASTER mode the **MZ-648** microphone has paging priority over the other **MZ-648** microphones that are configured as SLAVE.



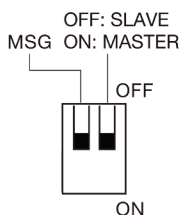
PAGING WITH THE MZ-648 MICROPHONE

To talk, select the required zones using the **MZ-648** microphone ZONES 1 to 6 buttons and press the TALK button. When you have finished paging, press the TALK button again.

If the BUSY indicator is lit you must wait for it to switch off to be able to speak, given that another **MZ-648** microphone with the same configuration (SLAVE or MASTER) or greater (MASTER) is in use at that moment. By pressing the ALL CALL button all the zones are selected simultaneously for general paging.

MZ-648 MICROPHONE MESSAGE PLAYBACK

To activate message playback, the **MZ-648** microphone MSG microswitch must be placed in the ON position.



This microphone allows playback of 6 stored messages using the MESSAGES 1 to 6 buttons, in simple playback mode or in a loop in the zones you select.

In simple playback mode, the message will be played once completely. To do so, select the message that you wish to play using the MESSAGES 1 to 6 buttons on the **MZ-648** microphone and the zone or zones in which it is going to be played. Then, press the START/STOP button to begin message playback. If you wish to stop playback before the message has finished, press the START/STOP button again.

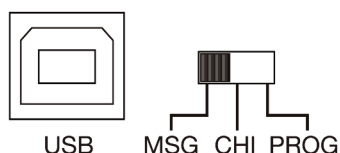
To play the message in a loop, select it with the MESSAGES 1 to 6 buttons on the **MZ-648** microphone and the zone or zones in which it is going to be played. Then, press the REPEAT/STOP button to begin loop playback of the message. The message will be played indefinitely until the REPEAT/STOP is pressed again or an input with greater priority is activated.

Pressing the ALL CALL button selects all the zones simultaneously to play the message.

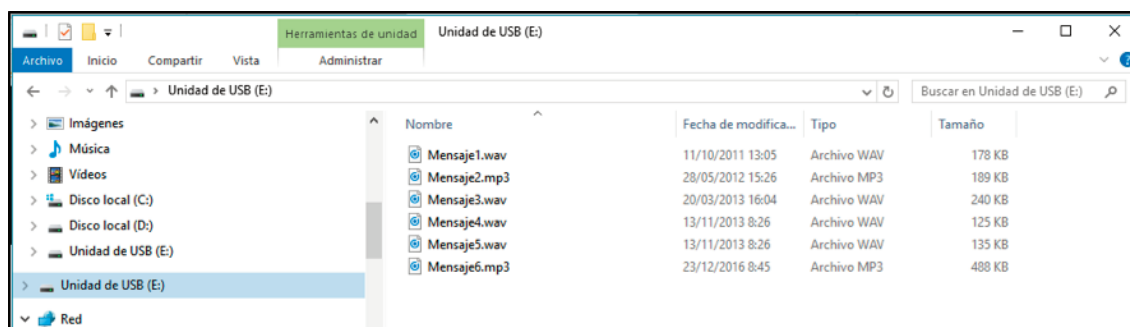
MZ-648 MICROPHONE MESSAGE RECORDING AND MODIFICATION

6 messages can be recorded in the internal memory of the **MPZ-6480RGU** amplifier which will be played via the **MZ-648** microphone.

To do so, place the MSG/CHI/PROG selector on the rear panel of the **MPZ-6480RGU** amplifier in the MSG position and connect the amplifier to your computer using a USB cable.



Your computer will recognise the amplifier as an external storage device with 6 stored audio files (messages).



Substitute the original files with those you wish to use following the instructions below:

The message storage order depends on the order in which they have been stored. For this reason it is recommended that ALL files are modified at the same time and that an easily recognizable name is used. The original name can be maintained "00001_ID-1", "00002_ID-2", etc or it can be changed for another, for example "Message1.mp3", "Message2.mp3", etc. In this way the required order can be assigned to each message.

Mp3 or wav audio files can be used.

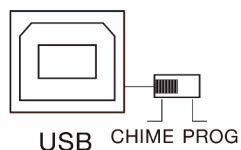
The total size of the internal memory is 16 Mb. The sum of all the stored files must not exceed this capacity.

NOTE: Even if you only wish to modify one or several messages, they must ALL be stored simultaneously. In order to do so copy the files to your computer, make the appropriate modifications and proceed to copy ALL the files with the chosen name.

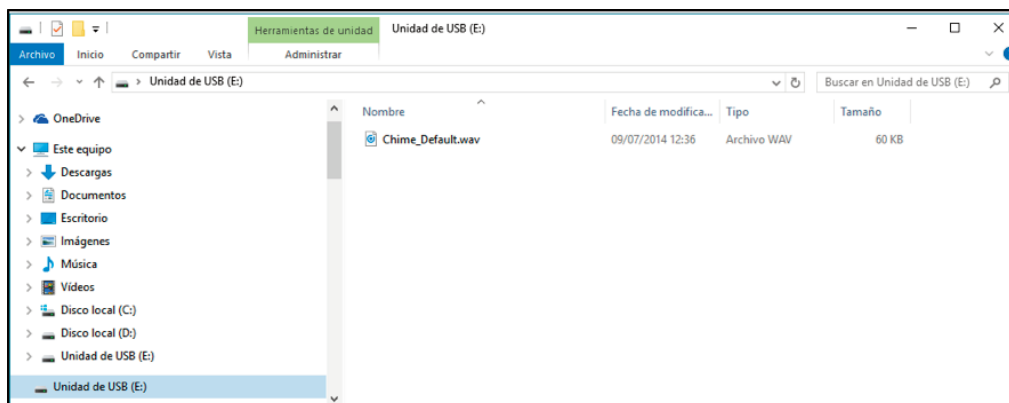
NOTE: If more than 6 files are stored, the system operating will be unstable.

MZ-648 MICROPHONE CHIME MODIFICATION

To change the **MZ-648** microphone chime, place the CHIME/PROG selector on the rear panel of the microphone in the CHIME position and connect it to your computer using a USB cable.



Your computer will recognise the microphone as an external storage device with 1 audio file (chime) currently stored.

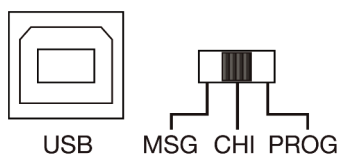


Substitute the original file with another in mp3 o wav format, provided that it does not exceed the maximum size of 999 Kb.

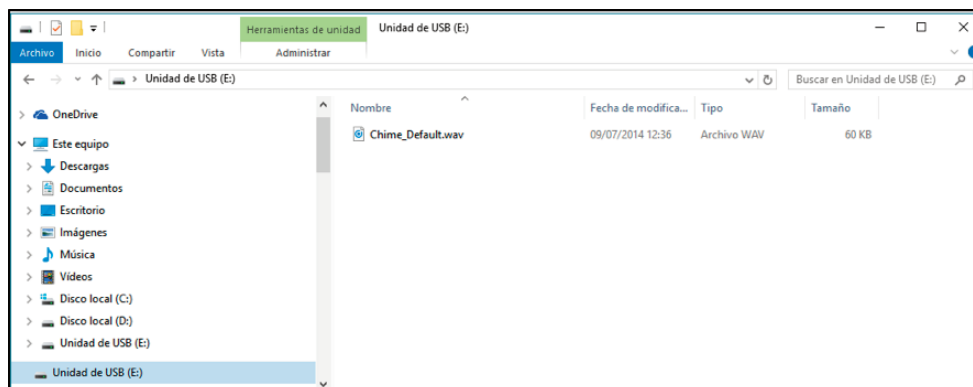
NOTE: If more than 1 file is stored, the system operating will be unstable.

CHANGING THE M-64 MICROPHONE AND MPZ-6480RGU AMPLIFIER CHIME

The **M-64** microphone and the **MPZ-6480RGU** amplifier CHIME can be changed, given that it is the same audio file. To do so, place the MSG/CHI/PROG selector on the rear panel of the **MPZ-6480RGU** in the CHI position and connect the amplifier to your computer using a USB cable.



Your computer will recognise the amplifier as an external storage device with 1 audio file (chime) currently stored.



Substitute the original file with another one in mp3 o wav format, provided that this does not exceed the maximum size of 999 Kb.

NOTE: If storing more than one file, the system operating will be unstable.

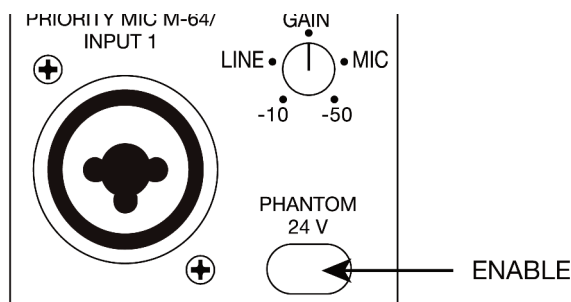
INPUT PRIORITY MODIFICATION

The priority function automatically attenuates the level of the inputs with less priority so that the input with greater priority can be clearly heard.

The system has 4 priority levels (1 maximum priority, 4 minimum priority) for any of the inputs, that can be adjusted from the MP3 on the front panel of the **MPZ-6480RGU** amplifier. The inputs with the same level of priority will be played simultaneously.

To access the priority modification menu press and hold the MODE button on the MP3 module of the **MPZ-6480RGU** amplifier for 2 seconds.

Select the input that you wish to modify using the **◀ ▶** buttons and modify the priority level using the VOL+/VOL- buttons. The maximum level of priority is 1 and the lowest is 4. Several inputs can share the same level of priority.



NOTE: the **M-64** microphone has a PRIORITY switch located on the rear panel. If this control is activated it automatically assigns maximum priority (priority 1) to that microphone in the system. Otherwise, it will maintain the priority assigned in this MP3 module.

NOTE: shortcircuiting the MESSAGE FIRST PRIORITY terminals on the rear panel of the **MPZ-6480RGU** amplifier, maximum priority is assigned to message playback from the **MZ-648** microphone.

CONNECTION

Make the connections with the amplifier and all the components of the system switched off and disconnected from the power supply.

Connect the microphone level or line level audio sources using INPUT 1 to INPUT 4, regulating the gain in the inputs. If connecting condenser microphones, select the phantom power supply (24V) on the rear panel of the amplifier.

If your system is composed of **MZ-648** microphones, connect them using the PAGING MIC **MZ-648** INPUT 2 port. The maximum number of **MZ-648** microphones is 3 with a cascade connection.

If your system is composed of **M-64** microphones, connect them using the PRIORITY MIC **M-64** INPUT 1. The maximum number of **MZ-64** microphones is 3 with a cascade connection. Make sure that the PHANTOM 24V button on INPUT 1 is pressed.

Connect the line level audio sources using the AUX 1 and AUX2 inputs.

Use the 4 Ω low impedance output or the 100 or 70 V high impedance line output, depending on the type of loudspeakers you are going to connect. Do not use two types of output at the same time.

To connect low impedance loudspeakers series/parallel connections must be made, so that the impedance load of the loudspeakers is the same as the loudspeaker impedance output and the power supplied by the amplifier does not exceed that withstood by the loudspeakers.

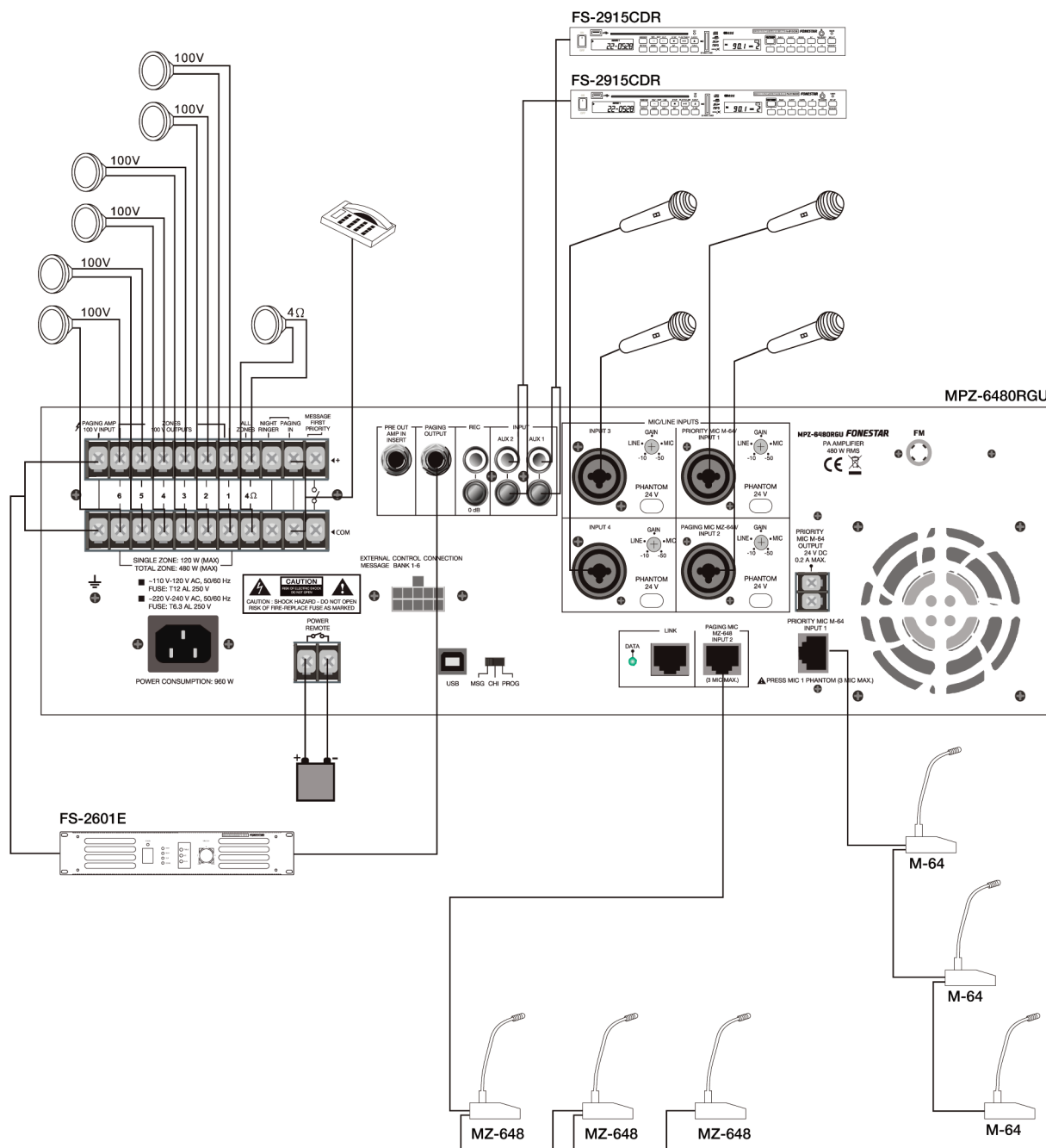
In order to connect 100V line loudspeakers, the connections must be made in parallel. The **MPZ-6480RGU** amplifier has several 100 V line output zones with independent volume control.

NOTE: the maximum power of each of the zones is 120 W RMS and the total sum of the power of all the loudspeakers, 480 W RMS.

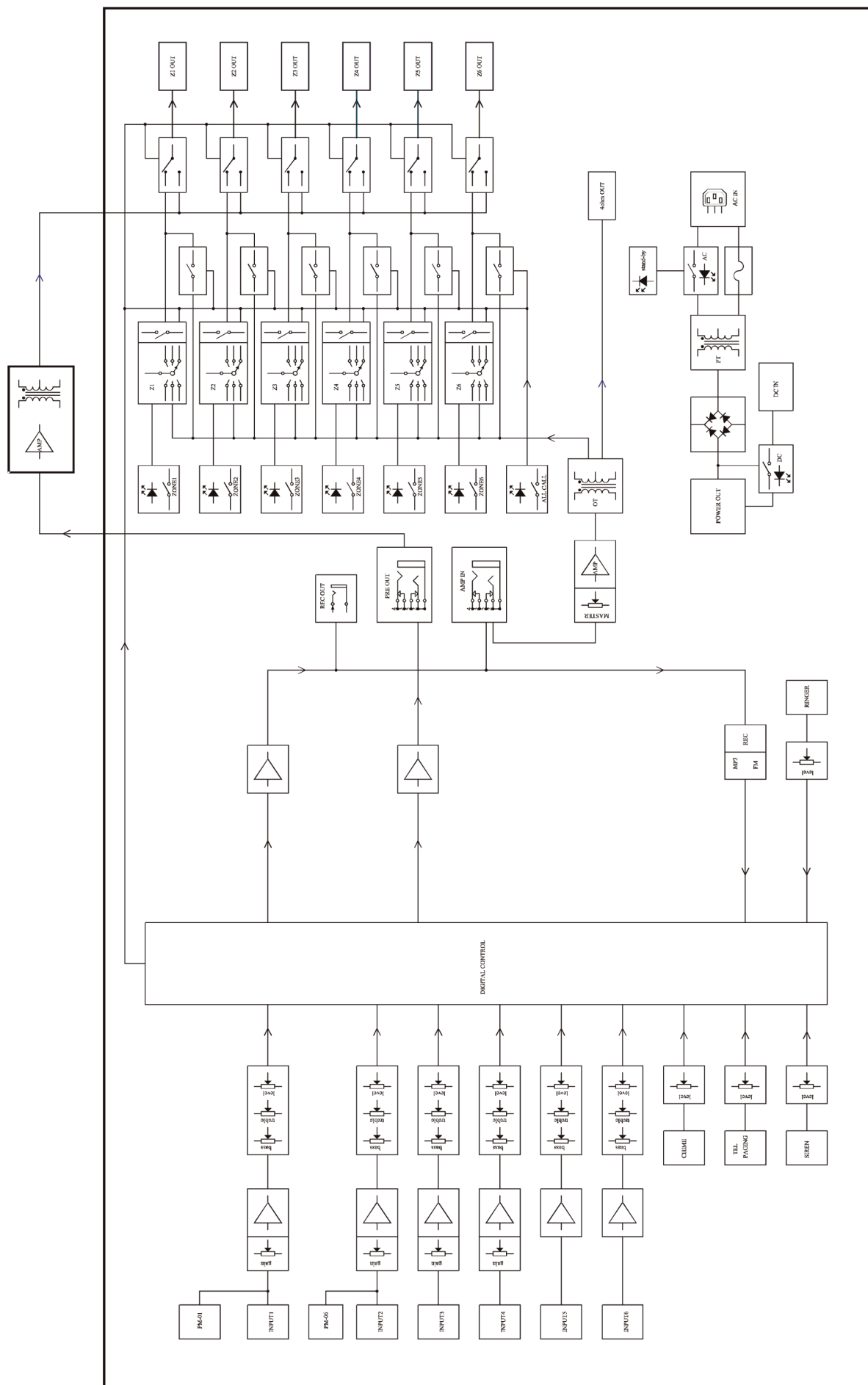
A recording device can be connected using the REC output on the rear panel of the amplifier. This recording volume depends on the volume in each input.

The amplifier can operate in dual mode, in which it must be connected to an external amplifier to reproduce the microphone announcements and not interrupt the background music in the rest of the zones. To do so, the **MPZ-6480RGU** amplifier's PAGING OUTPUT must be connected to the external amplifier's input, to then connect the external amplifier's 100 V line output to the **MPZ-6480RGU** amplifier's PAGING AMP 100 V INPUT.

Once the connections have been made according to your needs, connect the devices to the power supply and switch them on. After use, do not forget to switch off and disconnect the device from the power supply.



BLOCK DIAGRAM



TECHNICAL SPECIFICATIONS

	MPZ-6480RGU
CHARACTERISTICS	PA amplifier. 6 zones with independent volume control. Playback of up to 6 prerecorded messages. USB/SD/MP3 recorder/player. Digital FM radio tuner. Internal memory to store messages and chimes Phantom power supply. Priority paging. Connection of up to 3 paging microphones MZ-648 and 3 microphones with priority M-64 .
POWER	480 W RMS
RESPONSE	80-16,000 Hz ± 3 dB
DISTORTION	Harmonic: < 1%
INPUTS	4 balanced mics./lines, combo (XLR and 6.3 mm jack) 600 Ω 2.5 mV and 10,000 Ω 300 mV, switchable 2 aux, 2 x RCA 10,000 Ω 500 mV 1 insert, 6.3 mm jack 1 V 1 tel. paging, screw terminals 10,000 Ω 250 mV 1 paging mic. RJ-45 1 mic. with priority, RJ-45
OUTPUTS	1 paging out, 6.3 mm jack 1 V 1 rec out, 2 x RCA 1 V
S/N RATIO	Mic > 60 dB Line > 70 dB
PROTECTION	Temperature and overload
PHANTOM	24 V in mics. 1 to 4, selectable
PRIORITY	Mic.1 and paging from M-64 . Mic.2, paging from MZ-648 , mic.3, mic.4, aux 1, aux 2, tel. ring, tel. voice, chime (frontal), siren (frontal), USB/MP3/FM player, MZ-648 prerecorded messages, priority level 1 to 4 selectable using menu.
IMPEDANCE	4 Ω 100 V line, screw terminals
POWER SUPPLY	230 V AC, 960 W maximum
DIMENSIONS	483 x 133 x 433 mm depth. 3 U 19" rack
ACCESSORIES	Mount for assembly in 19" rack FM aerial
OPTIONAL	MZ-648 : paging microphone M-64 : microphone with priority

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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www.fonestar.com