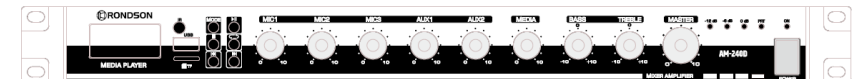
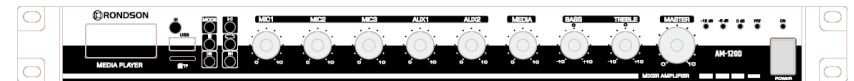




USER MANUAL

MIXER AMPLIFIERS

AM-120D - AM-240D



Parc d'activités de Montredon, 5 rue d'Apollo 31240 l'Union - FRANCE

05 34 25 61 00 - www.rondson.com

WWW.RONDSO.COM

Safety Operation Instruction

Important Safety Instruction



The lightning sign inside the triangle warns users that there is uninsulated "dangerous voltage" in the enclosure of the product, which may cause electric shock to human.



The Exclamation point inside the triangle warns users to pay attention to the important instructions for operation and maintenance attached to the product.

- 1) Read the manual
- 2) Keep the manual
- 3) Pay attention to all warning.
- 4) Follow all instruction.
- 5) Do not use the equipment near water.
- 6) Only clean with dry cloth.
- 7) Do not block any ventilation hole. Install according to the manual.
- 8) Do not install near any heating sources, such as heat sink, heater, stove, etc.
- 9) Never compromise the safety features of power plugs with polarity or grounding. In the plug with polarity, one pin is wider than the other. In the plug with grounding, there are 2 pins and another pin for grounding. The wider grounding pin is designed for safety reason. If our plug does not fit your socket, please contact electricians to replace the socket.
- 10) Protect the power cable from being stepped on or extruded, especially the plug, socket or cable outlet part.
- 11) Only use the accessories provided by manufacturer.
- 12) Only use the trolley, brackets, or table suggested or provided by the manufacturer.
When using trolley, please move carefully to avoid falling off and hurting anyone.
- 13) In the case of thunder storm or not using for a long time, please unplug the equipment.
- 14) Please ask qualified personal for maintenance of the equipment, in the cases such as damage, leaking, other article falling inside, exposure in rain or humid air, malfunction or falling off, etc.
- 15) To cut off the equipment from AC power, please pull off the power plug from the socket.
- 16) The main power plug of the power supply should be ready for usage anytime.



Warning: to avoid fire or electric shock, do not place the equipment in rain or humid air.

- 18) Make sure no water drops inside the equipment. Do not place any water holder (eg. Vase) on the equipment.
- 19) Make sure of at least 6 inch (15.25cm) space above the equipment for good ventilation and cooling.
- 20) Attention: For amplifiers mounted in racks, all cables and materials should keep away from its sides. Before taking it out from the rack case, please cool it for 2 minutes.
- 21) Amplifier and speaker system, as well as earphone/headphone (if provided) can generate high sound pressure level, which may cause temporary or permanent damage to hearing. Please set the volume carefully.
- 22) FCC conformity declaration: this equipment conforms the class B mathematics device limit in chapter 15 of FCC. The purpose of the regulation is to provide reasonable protection against possible dangerous interference during installation in residence area. This equipment generates, uses and radiates RF energy. Not following the manual in operation and installation may have negative interference to radio communication, but we can not make sure that there is no such interference in special situation. If we confirm by turning on and off the equipment, there is indeed interference to radio communication. We suggest to eliminate it by following measures: adjust the direction or position of the receiving antenna. Increase the distance between the equipment and receiver. Connect the equipment to a different socket from the receiver. For more assistance, please contact the distributor or experienced radio technician. Remark: FMIC does not take responsibility for the product modifications which violate the FCC regulation and/or cause invalidity of the certification.
- 23) Warning: For safety, products with batteries inside or outside should not be exposed to high temperature, such as the sun or fire. Wrong replacement/installation of batteries has the danger of explosion. Only replace the same or similar batteries suggested by manual.
- 24) Attention: unplug the equipment and cool it before touching or replacing electron tube.
- 25) Warning: before connecting the line plug to lines, please make sure it is grounded. Likewise, when disconnecting grounding, please make sure line plug is disconnected.
- 26) Equipments with class 1 structure (3-pin plug grounding) must connect to MAINS socket with connection protection.

Caractéristiques du produit

Model:	AM-120D	AM-240D
Input A/C power voltage:	AC 110-220V 50-60HZ	
Power	120W	240W
Frequency Response:	80KHz -20 KHz <-1dB>	
Impedance:	0.5% @ 1KHz 100V - 3dB	
AUX Input	550mV / 10 Kohm	
Mic input:	1-6mV	
S/N Ratio:	>75dB	
	Bass : 100Hz -+10dB / Treble : 10 kHz - + 10dB	
Dimension:	485 x 350 x 44 mm	
Weight:	10 Kg	11 Kg

Product Introduction

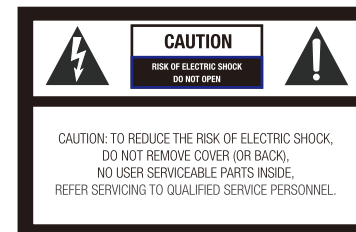
Preface

Thank you for purchasing our product. We offer amplifiers, including series, mixing amplifiers with 6 zones, as well as amplifiers with Mp3 player, providing various choices for users.

The products are practice and reliable, and receive a lot of popularity among customers.

We will continue to provide high-quality products and services for you.

Safety Instruction	2
Product Introduction	3
Introduction of mixing amplifiers	4
Introduction of mixing amplifier with Mp3 players	5
Product Specification	6



WARNING!

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.



This symbol is intended to alert the user to the presence of uninsulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



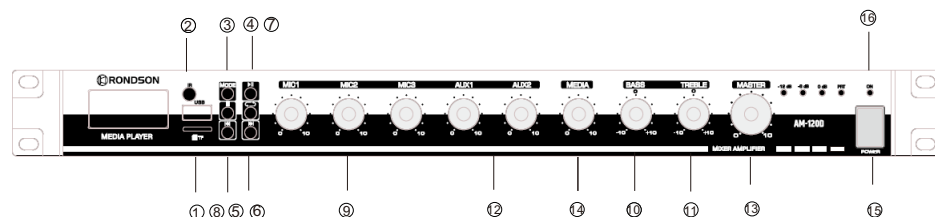
This symbol is intended to alert the user to the presence of important operational and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution:

To prevent electric shock do not use this (polarised) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Introduction of mixing amplifiers with Mp3 player

Front panel



1 USB input	2 IR	3 Modes(FM/USB)
4 Pause/ Play	5 Previous track	6 Next Track
7 Playing modes(Single, Loop, Repeat)	8 Stop	9 MIC inputs with volume controller
10 Low frequency gain adjustment, increase attenuation -/+10dB	11 High frequency gain adjustment, increase attenuation -/+10dB	12 AUX inputs with
13 General output volume controller	14 Volume controller for MP3	15 Power Switch
16 LED for power		

IMPORTANT

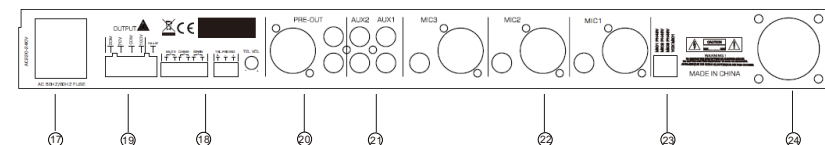
In Public Address, the cabling between the amplifier and the loudspeakers must comply with certain conditions or it may cause a failure or malfunction!

Preliminary steps for 100 volt line wiring :
Connect the cable to the "COM" and "100V" terminals of the amplifier

Connect the cable to the "COM" and "20W" terminals or other power of the speaker(s)

(The 4 Ω or 8 Ω terminals are reserved for low impedance use only)

Back panel



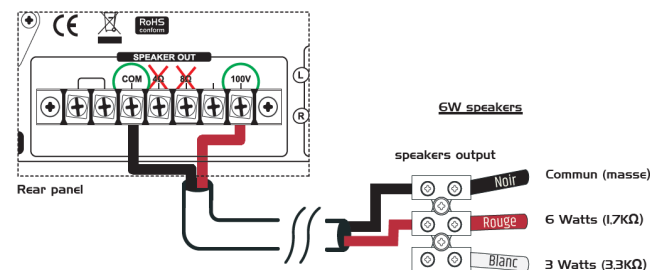
17 AC Power input	18 Mute / chime / Siren / tel Volume	19 speaker out 4-16Ω or 100V / FM ANT
20 PRE-OUT XLR / RCA	21 AUX Inputs 1 - 2	22 XLR / JACK Mic inputs
23 Dipswitch : mic priority inputs	24 Cooling fan	

MIC 1: Priority/super-priority input on general mute

MIC 2 and 3: Phantom switchable

Note: Do not switch to phantom if you do not have an electret microphone or phantom power supply.

100V WIRING



The 4 OHMS or 8 OHMS terminals are reserved for low impedance use only !



Tutorial Vidéo