

PROFESSIONAL WIRELESS

MICROPHONE SYSTEM

English

SPECIFICATION

MODEL:MR-85ES

GUANGDONG PROVINCE ENPING ZHONGPU ELECTRONICS CO.,LTD

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Preface

Thanks for purchasing this product. Please read this instruction carefully before using the system so that you can make sure in detail by the numbers how to install, operate and safeguard the system. Now that the system is a high precision and high frequency electronic product, our corporation is not responsible for any error in operating. Please store the instruction in a safe place after reading as a reference in the future.

MR-85E is an epoch-making and excellent product after our corporation recommended many excellent products. The system increases many new original technologies in land. There are super-high sensitivity, strong resist disturbance abilities and good stability in system.

America efficient and low consumption emission technology;

Superior to 15PPM crystal-locked;

Wide-dynamic-range audio frequency compression and expansion;

Mirror frequency limiter circuit and hit which put on and put off reduced circuit;

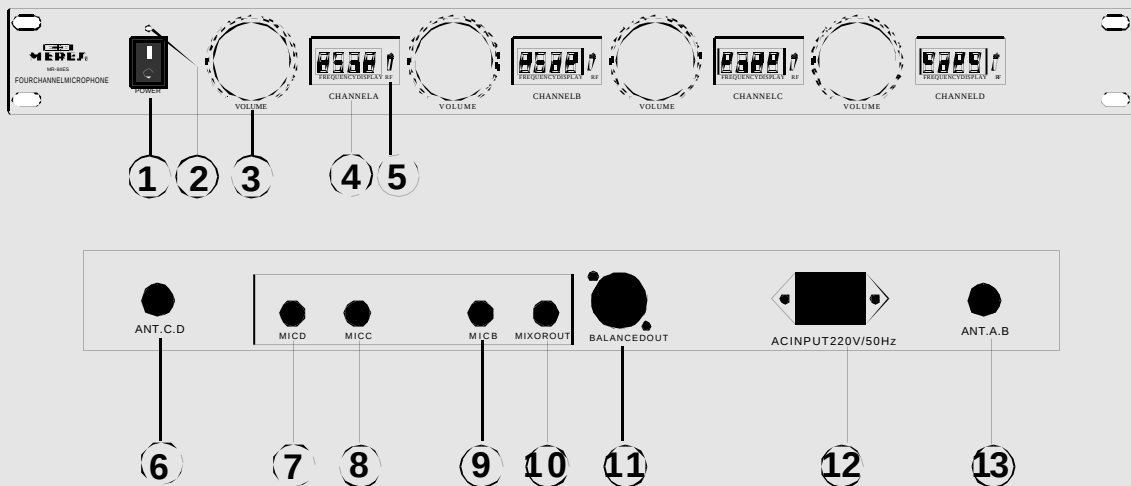
Resist reverberation circuit and changed output controlled slowly and noise checked repetitious and reduced circuit;

EDA and finished on its item named pattern line etc.

Feature

1. Enforced squelching, high SNR;
2. No noise output when stand-by;
3. Wide-range frequency response, low distortion;
4. Hand-hold set switch without impact, safe for rear amplifier and loudspeaker;
5. RF perfect working condition level and work voltage display;
6. With a practical long-distance of 80 min ideal surroundings and 40-60 min a complex one;
7. Used wild in stage, Kara OK hall etc.

System function and Manipulation Illustration



ANNOTATION

- 1.Power
- 2.Powerlight
- 3.CH-A volumeadjustor
- 4.CH-AAFsignallight
- 5.CH-ARFsignallight
- 6.Antenna
- 7.AFoutputofchannelD
- 8.AFoutputofchannelC
- 9.AFoutputofchannelB
- 10.AF outputofchannelAandMIX
- 11.Balancedoutput
- 12.AC input
- 13.Antenna

System Installation and Manipulation Instruction

- 1 For a perfect receive consequence, the receivers should be installed at the place of at least 100cm above the ground, kept far from the noise and interference sources, such as running cars, motorcycles, laser video equipments, computers and strong electromagnetic field. The audio head should not face on the loudspeaker close at hand. It is necessary to use the system in different carrier frequency and products from the same manufacturer. When there are several instruments equipped in one case, utilize of external high-gain antenna+signal distributor to enlarge the range of utilization and save space would be a first priority.
- 2 : Put the receiver in a stable place according to fig 6 connect the antenna, balanced cable A line, adapter power line provided by the manufacturer. Connect the other end of the balanced cable to the balanced input joint of audio-adjustment table. Pull out the antenna thoroughly vertical to the ground level.
- 3 Apply the voltage adapter to the socket, switch on the receiver power, while the receiver in stand-by, turn on the power of rear and front instrument of the audio amplification system.
- 4 Note: regulate the output mode switch to (B) when using balanced independent output to transmit signal or switch to (M).

Transmitter: Hand-held

- 5 Open up the battery compartment, insert the battery then close the cover. Switch on the hand-held transmitter while there is a temporal flash of power light. Signal level of the receiver light up, a effective signal is received. Adjust the channel volume and back loud-speaker instrument to adequate volume output of the system. When A level light up gradually corresponding to the volume, so the system function normally.
- 6 There are two grade in the transmitter power switch that means there is no audio function when turn on transmitter power, the other is the grade in normal use, there is a audio function while the power in on.

Safety guard

For attachment : Use the attachments provided or identified by the manufacturer.

For Power: Only the power line voltage labeled on the Power Adapter can be applied to the operation of this instrument. Make sure whether the local city voltage is suitable for the instrument.

For repair: It could be dangerous to open and dismantle the shell of the instrument repaired by yourself. The repair process should be done by the qualified technician identified by the manufacturer.

For change parts: If necessary, the changing part used by the technicians should be suited to the specifications of manufacturer or the same original one. An improper arrangement could cause a fire, electric attack or other danger.

Read for detail: Consult the detail of the safe and operation instructions.

For reserve: Keep this instruction in a safe place for reference when needed.

For warning: Act on the guard of warning indicated in the instructions.

Act on Guard: Please abide by the rules of the manipulating standard and the service manual.

For use and reserve: The instrument should be kept away from the high humidity, heat, electromagnetic field and direct sunshine. Please dismantle all the connecting line and remove the battery when stop using the instruments for a long time.

For cleaning: Now that the instruments are precision HF electronic product, the power lines should be pulled out when cleaning, and wipe with wet cloth instead of liquid and spray agents.

Safety inspection: Having had the product fixed up, a safety inspection should be processed by a qualified technician to make sure the product is in good order and in accordance with the safety standard.

Adjustment: Dismantling of the shell in case of malfunction or decline of characteristic is prohibited, since these products have been precisely tested and proved by the high precision instruments. Adjust the adjustable components on the circuit board to avoid a serious damage or call for a skilled technician to complete adjustment with professional instruments or consult the manufacturer and distributor.

*. Maintain the commercial integrity is our allegation to meet your requirements.

Receiver: (Desk-Top)
 receiverfreq: VHF174-216MHz
 FreqStability: 0.002%
 (Superiorto15PPm Crystal-Locking)
 Sensitivity: 4uV Sinad=12dB
 Spuriousrejection: >75dB
 Imagerejection: >80dB
 SNR: >80dB
 ExpansionRatio: =1:2
 AudioOutput: 0-300mv
 ReceivingChannel: 2-way
 OutputInterface: Balance/Mixed
 Powerlinevoltage: DC13~18V
 Powerconsumption:3W
 Antenna: BNC
 Outline: 480*200*45mm

Transmitter: (Hand-Held)
 Carrier Freq: VHF174-216MHz
 FreqStability: 0.002%
 (Superior to15PPmcrystal-Locking)
 RFPower Output:30mW
 Currentloss: <25mA
 Subharmonic: >40db
 Mode: FM
 Deviation modulation:(±15KHz)
 CompressionRatio:=2:1
 Pickup: supercardioid
 premiumdynamic
 Battery: 9V
 Batterylife: 6h~8h
 Antenna: Internalantenna
 WT: 260g(batterypacked)
 Outline: Φ38*245mm

Mutiplex specification of system

Dynamicrange:>100dB

T.H.D:<1%

Frequencyresponse:50Hz-15KHz

Effectiverange:>50m(idealcircumstance)

List of components and attachments:

(please open the package and check the following list containing components and attachments.)

Receiver.....	one set
Hand-held microphone.....	four pieces
Power adapter.....	one set
6.25mm audio frequency transmitting line.....	one line
9V tier Battery.....	four sets
Bayonet ANT.....	two pieces
Servicemanual.....	one

*The manufacturer reserves the right to make changes in technical and product specification without prior notice.

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.