



5. Wide and clear LCD, can display RF, AF incoming signal level and other function.
6. Ascendant selectivity, can avoid interfere each other when use many sets at the same time. There is SQELCH in the receiver, using for the complicated surroundings.
7. The battery of MH-502 transmitter is 1.2V NI-MH rechargeable battery. The rechargeable battery can be used for 8 hours.
8. The perfect indication circuit can shows you the state of the battery.
9. The receiver can be set by system or direct by manpower.
10. The balance and imbalance output, can connect the mixed and amplifier.
11. 10~150 meters receiving distance.
12. Suitable for the stage, nightclub, disco, meeting room, classroom, and the family Karaoke entertainment.



Display Instruction:

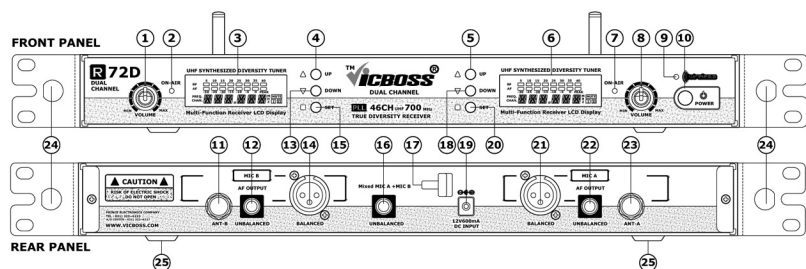
Display	Transmitters	Receivers
SEnSit	Sensitivity adjusting	
SQEL		SQ adjusting
DISPL	Content choice menus	Content choice menus
CH	channel choice(1-16)	channel choice(1-16)
FREQU	Frequency display	Frequency display
Lock	The lock key can prevent error choice from the performance	The lock key can prevent error choice from the performance
Service:	The lock key can prevent error choice from the performance	The lock key can prevent error choice from the performance

Problem checking	
Problem	Cause
Digital display is not lighted	The battery is end/It has not been contact the electricity
RF indicator is not lighted	(1)The transmitter frequency is difference from receiver (2)The transmitter is out of work range
AR indicator is not lighted	(1)The mute key turn on (In the bottom of the transmitter) (2)The SQ is too high
Have noise and the radio noise	(1)The sensitivity of the transmitter is too low. (2)The Audio output of the receiver is too low.(In the back of the receiver)
AR signal distortion	(1)The sensitivity of the transmitter is too high. (2)The Audio output of the receiver is too high(In the back of the receiver)



The user guide of the Receiver

A. Part names and their functions

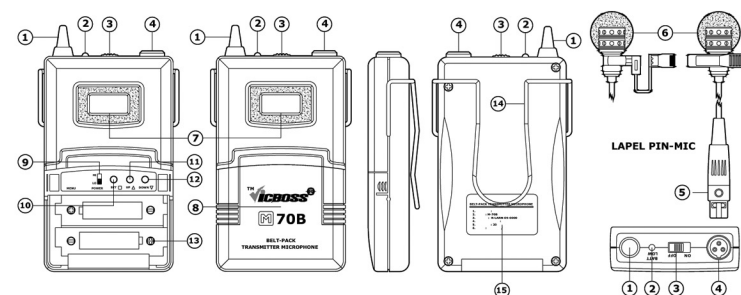


- ① 마이크-A 음량크기 조절 볼륨 (MIC-A Volume Control)
- ② 마이크-A 방송중 수신표시 램프 (MIC-A ON-AIR LED Indicator)
- ③ 마이크-A LCD 표시창 (MIC-A LCD Panel Display)
- ④ 마이크-A 주파수 및 채널 올림 조작버튼
(MIC-A Frequency & Channel UP Control Button)
- ⑤ 마이크-B 주파수 및 채널 올림 조작버튼
(MIC-B Frequency & Channel UP Control Button)
- ⑥ 마이크-B LCD 표시창 (MIC-B LCD Panel Display)
- ⑦ 마이크-B 방송중 수신표시 램프 (MIC-B ON-AIR LED Indicator)
- ⑧ 마이크-B 음량크기 조절 볼륨 (MIC-B Volume Control)
- ⑨ 전원 투입 표시 램프 (Power ON LED Indicator)
- ⑩ 전원 ON/OFF 스위치 (Power ON/OFF Switch)
- ⑪ 다이버시티수신 안테나-B (Diversity Receiving TNC Antenna-B)
- ⑫ 마이크-B 5.5파이 음성 출력 단자
(MIC-B Audio 5.5Ø Unbalanced Output)
- ⑬ 마이크-A 주파수 및 채널 내림 조작버튼
(MIC-A Frequency & Channel Down Control Button)
- ⑭ 마이크-B 3핀 오디오 바란스 출력 단자 (Audio 3Pin Balanced Jack)
- ⑮ 마이크-A 메뉴 선택 버튼 (MIC-A SET Control Button)
- ⑯ 5.5파이 마이크-B & 마이크-A 혼합 음성 출력 단자
(MIC-B & MIC-A Audio 5.5Ø Unbalanced Mixed Output)
- ⑰ 직류 전원 어댑터 케이블 고정단자 (Adapter Cable Holder)
- ⑱ 마이크-B 주파수 및 채널 내림 조작버튼
(MIC-B Frequency & Channel Down Control Button)
- ⑲ 직류 전원 입력 단자 (DC Adapter Input Jack)
- ⑳ 마이크-B 메뉴 선택 버튼 (MIC-B SET Control Button)
- ㉑ 마이크-A 3핀 오디오 바란스 출력 단자 (MIC-A Audio 3Pin Balanced Jack)
- ㉒ 마이크-A 5.5파이 음성 출력 단자 (MIC-A Audio 5.5Ø Unbalanced Output)
- ㉓ 다이버시티수신 안테나-A (Diversity Receiving TNC Antenna-A)
- ㉔ 랙 고정 브라켓 (Rack Bracket)
- ㉕ 제품 고정 고무발 (Foot)

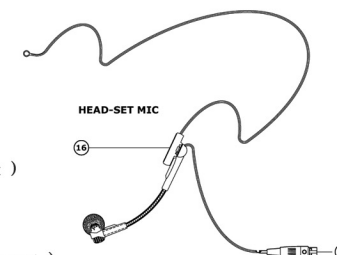


Body-pack transmitter

A. The part names and their functions:



- ① 안테나 입력 단자 (Antenna Input Jack)
- ② 배터리 소진 & 마이크 사용중 표시 램프
(Low Battery & MIC ON-AIR LED Indicator)
- ③ 전원 ON/OFF 스위치 (Power ON/OFF Switch)
- ④ 핀 마이크 입력 단자 (Lavalier/Lapel Pin-Mic Input)
- ⑤ 3핀 폰 플러그 잭 (3Pin Phone Plug Locking Jack)
- ⑥ 핀 마이크 (Lavalier/Lapel Pin-Mic)
- ⑦ LCD 표시창 (LCD Panel Display)
- ⑧ 배터리 교환 개방카바 (Opening Battery Compartment)
- ⑨ 마이크 송신 출력 조절 스위치 (High/Low MIC Power Selecting)
- ⑩ 메뉴 선택버튼 (SET Control Button)
- ⑪ 주파수 및 채널 올림 조작버튼
(Frequency & Channel UP Control Button)
- ⑫ 주파수 및 채널 내림 조작버튼
(Frequency & Channel DOWN Control Button)
- ⑬ 배터리 램 (Battery Case)
- ⑭ 팩 걸이 (Belt-Clip)
- ⑮ 인증 번호표시 스티커 (Certification NO Sticker)
- ⑯ 헤드셋 마이크 (Head-Set Boom Microphone)



B. The installation of Body-pack transmitter, please consult the installation of handheld transmitter.



Technical features:

A: System feature:

1. Frequency setup mode: PLL
2. Frequency range: 520MHz~820MHz (Selectable)
3. Modulation Mode: FM
4. Maximum Frequency Deviation: +45KHz
5. Audio Frequency Response: 80Hz~15KHz(+3dB)
6. Comprehensive Distortion: $\leq 1\%$
7. Work temperature: $\sim 10^{\circ}\text{C} \sim +40^{\circ}\text{C}$

B: Technological Feature of the transmitter:

1. Transmitter: 20~30mW
2. Image controlment: -50dB
3. Battery: 9VX1(MH-503); 1.5VX2(MH-502)
4. Super-cardioid shaking

C: Technological Feature of the Receiver:

1. Sensitivity: 12 μ V(80dB S/N)
2. Sensitivity Adjustment Range: 12~32dB μ V
3. Stray Control: >75dB
4. Output Level: Balance Output: 0~0.5V/600
Sound output: 0~0.5V/5K
5. Power: 12~16V DC
6. Work Current: 300mA



R-72D (Diversity Dual Channel)



M-70H (Hand-Held Transmitter)



HM-500X (Headset Transmitter)



M-70B (Belt-Pack Transmitter)



C-70H (Rechargeable Table Stand)