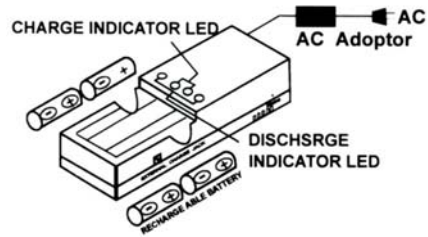


Battery Charger (HC-10)



OPERATION:

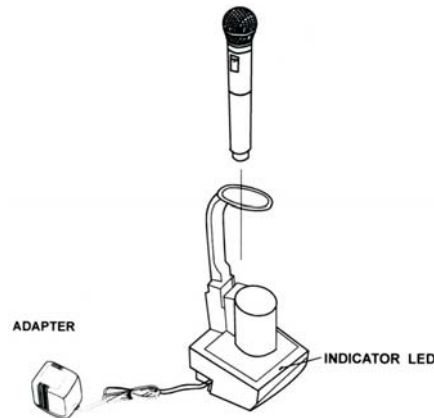
1. Connect the DC plug of the adaptor to the DC socket of the charger.
2. The indication lamp is red when charging.
3. Press charge/discharge button once for discharge (yellow) and press one more time that will be back to charging status (red).
4. When full charge, (green) and sounded.
5. When connect the charging plug to the ring output socket of the charger, the right charger's trough could be an external charge.
6. The full charge capacity is 700mAH.

Handheld Mic Charger Holder (HC-20)

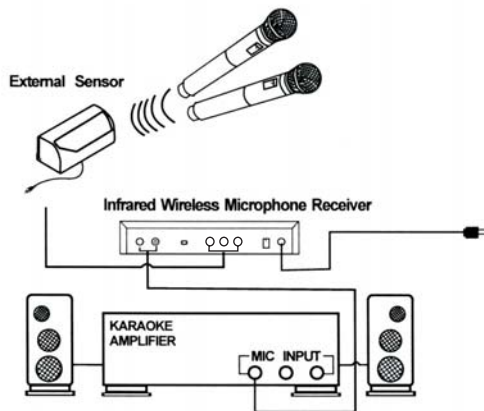
OPERATION:

1. Connect the Adaptor to wall outlet.
2. Insert the infrared wireless mic to the charger.
3. The red LED of charger will light up during charging. Charging time will be approx. 3.5 hours.
4. When charging is completed, the green LED indicator will turn on and red LED turn off.

Note: Be sure to use specified battery only. You can not charge other type of battery. Do not use any battery and battery charger other than specified.



Connection Diagram



Flat 04, 2/F., Yuen Fat Industrial Building,
25 Wang Chiu Road, Kowloon Bay,
Kowloon, Hong Kong
Tel: (852)2571 8289 Fax: (852) 2571 0289
Web site: www.bap.com.hk
Email: info@bap.com.hk

IWR-220XR

Operation Manual

Cautions:

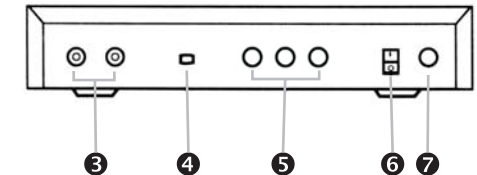
- Do not cover the infrared emitter area of the wireless microphone or the surface of the infrared sensor, which may disturb the unit and cause abnormal operation.
- Since the unit uses infrared reflectance. Do not expose receive to the black ceiling or wall which may cause abnormal operation.
- Do not near the speaker which may cause howling.
- Do not drop and wet microphone.
- Do not replace the battery when power is on.
- Do not install the unit a location near heat source or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

Functions of Receiver IWR-220XR

Front Panel

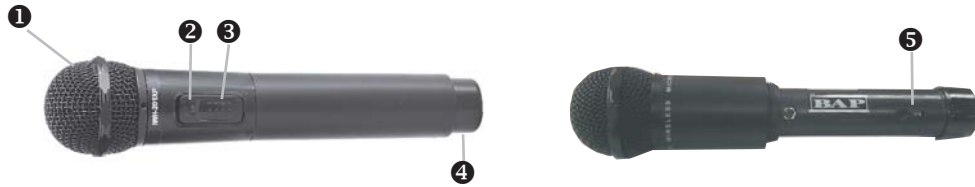


Rear Panel



1. Power indicator
2. Channel indicator
 - Green LED will light up accordingly when receives the infrared signal from microphone.
3. Mic outputs (A+B Mix)
 - Microphone output jacks that connect the mixed microphone output with cable provided to the amplifier.
4. Mic/Line output level switch
 - It changes the output level of the microphone. Set it to LINE when connecting the output jack to the AUX input of the amplifier or set it to MIC when connecting the MIC jack of the amplifier.
5. Infrared sensor inputs
 - Connect to infrared external sensor.
6. Power switch
 - Press it down to turn on the receiver, the power indicator will light up. Press it again to turn off, the power indicator will go off accordingly.
7. AC cord
 - Supplies power to the unit.

Functions of Handheld Microphone IWH-201XP



1. Grille cover
2. Low battery indicator
 - Two-color power ON/Low battery LED changes color to indicate low batteries.
3. Power switch
 - Slide to turn microphone on.
4. Infrared emission source
 - Transmitting the infrared ray which carrying voice.
5. Power selector switch (Lo/Hi)
 - This switch changes transmitting power of infrared ray.
 - If transmission system may pick up some noise at Lo position. It means the transmitting distance may be insufficient. Set the switch to Hi position.
 - Factory setting is Hi position.

Functions of Tie-Clip Microphone IWM-202XP



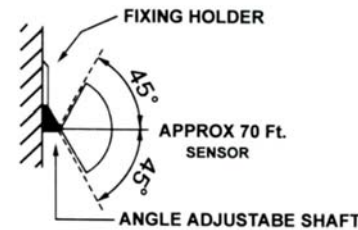
1. Lavalier or Headworn Microphone
2. Low battery indicator
 - Two-color power ON/Low battery LED changes color to indicate low batteries.
3. Power switch
 - Slide to turn microphone on.
4. Infrared emission source
 - Transmitting the infrared ray which carrying voice.
5. Volume Control
 - Input audio level control serves as remote volume control.

Functions of Neckworn Microphone IWM-303

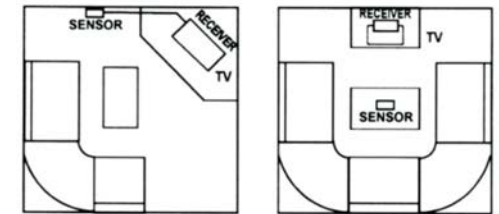


1. Microphone with built-in infrared emission
 - Microphone with infrared emission source that transmits infrared ray which carrying voice.
2. Low battery indicator
 - Two-color power ON/Low battery LED changes color to indicate low batteries.
3. Power switch
 - Slide to turn microphone on.
4. Volume Control
 - Input audio level control serves as remote volume control.

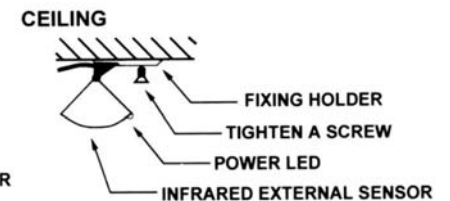
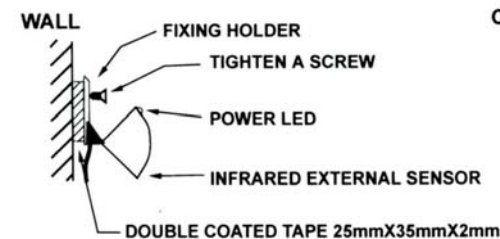
Mounting the Infrared External Sensor IR-20X



Covering range of infrared rays.



Example of ideal position for sensor



1. Mount the FIXING HOLDER (wall or ceiling) by using a screw or two pieces of double coated tape.
2. Find the best position with wide view of the room. Mount the sensor along with the FIXING HOLDER on the wall or ceiling.

Note: When power up, the LED of infrared sensor will light up to red if not please consult with your nearest dealer.