

## Central Audio System

### Wired Remote Controller HS-80R

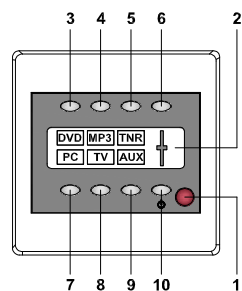


Welcome to use the central audio system. For better use of this equipment, please read this manual thoroughly before use.

### Functional Characteristics:

- Wired remote controller for family audio control center, quick and convenient.
- Touch key operation, deluxe appearance and vivid LCD display.
- Provided with the basic operating functions of the host, including: audio source selection, volume / tone control, query of MP3 playlist and query of radio storage number from tuner, etc.
- One wired remote controller can control one subzone by setting the address.
- Able to control the external DVD and TV by means of infrared learning functions of the host.
- Accept the control from infrared remote controller.
- Controllable distance up to 300m.

## I. Description of Panel Functions

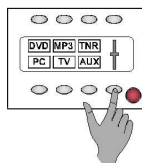


1. Infrared window
2. LCD screen
3. Select DVD Audio Source / Enter DVD Play Interface / Enter Address Setting Interface
4. Select MP3 Audio Source / Enter MP3 Play Interface / Enhance Bass Effect
5. Select Radio Audio Source / Enter Radio Play Interface / Enhance Treble Effect / Adjust Address Settings
6. Enter Volume & Tone Control Interface / Increase Volume
7. Select PC Audio Source / Return to Main Interface
8. Select TV Audio Source / Enter TV Play Interface / Attenuate Bass Effect
9. Select AUX Audio Source / Attenuate Treble Effect / Adjust Address Settings
10. Remote Controller On/Off / Enter Volume & Tone Control Interface / Decrease Volume / Confirm Address Setting

## II. Turn On/Off Remote Controller

### 1. Turn on Remote Controller

- Switch on the power of the host and open the related subzone from the host, so that this remote controller is turned on. After that, the main interface is displayed on the screen.
- When the host has been switched on, you may press any audio source key from the remote controller to turn on this remote controller. In this case, the screen displays the status before the remote controller is turned off.



(Fig. 2-1)

## 2. Turn off Remote Controller

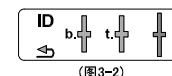
- You may switch off the power of the host to turn off this remote controller.
- You may hold down " " key (as shown in Fig. 2-1) for over 5 seconds to turn off this remote controller.

## III. Description of Remote Controller Status

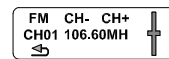
- Main Interface (Fig. 3-1): This interface displays the status of 6 audio sources and the volume in this subzone. What is displayed in high brightness is the audio source being played in this subzone.
- Volume / Tone Control Interface (Fig. 3-2): Under this interface, you may control the volume and tone of this subzone.
- Status Interface under Tuner Mode (Fig. 3-3): Under this interface, you may switch the band of tuner mode and load the radio stored on the host.
- Status Interface under MP3 Mode (Fig. 3-4): Under this interface, you may select and play the music for MP3 mode.



(图3-1)



(图3-2)



(图3-3)

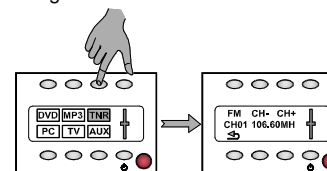


(图3-4)

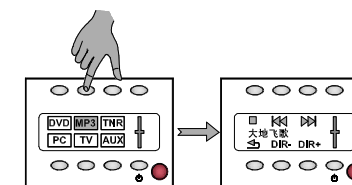
## IV. Operating Instructions

### 1. Selection of Audio Source

Please refer to main interface. From the interface, press down a key corresponding to your desired audio source. When this audio source is displayed in high brightness, this indicates that it has been selected. Press down the selected TNR or MP3 key again, so that the screen will display the play status and operating interface of tuner or MP3.



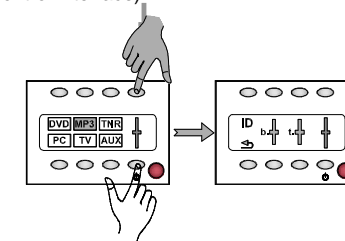
(Fig.4-1)



(Fig.4-2)

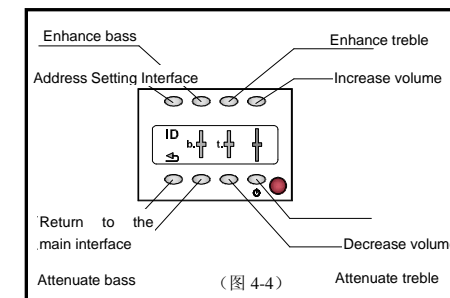
## 2. Volume Control and Tone Adjustment

Press the volume / tone control key as shown in Fig. 4-3 to enter the volume / tone control interface. (Note: From any interface except the volume / tone control interface, you may press down the key of corresponding volume indicating bar " " to enter the volume / tone control interface).



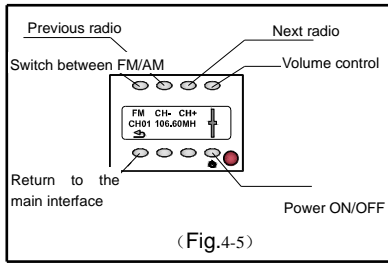
(Fig.4-3)

The operation of volume / tone adjustment key is as shown below:



## 3. Operating Instructions for Tuner Mode

Press down TNR key from main interface to enter tuner mode interface (Fig. 4-1). Under this interface, you may switch between FM and AM band, select station and adjust the volume. The key functions are as shown below:



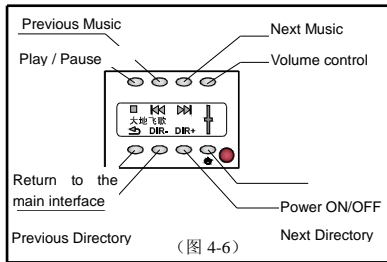
(Fig.4-5)

Note: 1) You may press "Return to Main Interface" key from any interface to return to the main interface as shown in Fig. 3-1.

2) You may touch "Close Subzone" key and "Tone Control" key to enter volume / tone control interface.

#### 4. Operating Instructions for MP3 Mode

Press MP3 key from main interface to enter MP3 mode interface (Fig. 4-2). Under this interface, you may carry out Play / Pause operation, select the music and control the volume / tone. The key functions are as shown below:



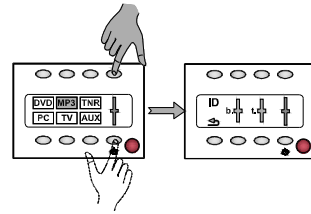
(图 4-6)

5. For the functions of infrared remote controller and its receiving angle schematics, please see the User Guide for HS-6818.

#### V. Setting of Remote Controller Address

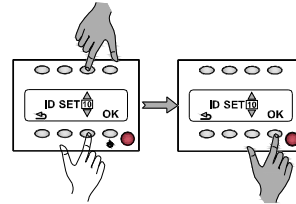
Address is set for the controller in order to divide 12 subzones, so that one remote controller corresponds to one subzone. The remote controller address is set as follows:

① Press volume key to enter into volume / tone control interface. (Fig. 5-1)



(Fig.5-1)

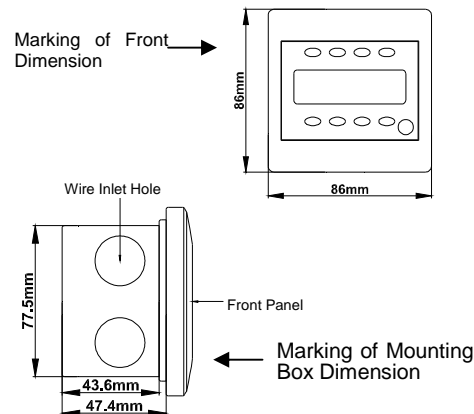
② Under volume control interface, press the "ID" corresponding key to enter the address setting interface. Then, press the triangle symbol corresponding key on the screen as shown below (Fig. 5-2) to adjust the number and select the address of your remote controller. Then, press OK to validate the setting.



(Fig.5-2)

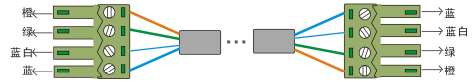
For the connection of wired remote controller, please refer to the user guide for AM8150 (Central Audio System Host).

#### VI. Marking of Overall Dimension



#### Connection Wire between Host and Remote Controller

The host is connected to the remote controller via twisted pair, with the connector fabricated from network cable and the two ends matched. See below:



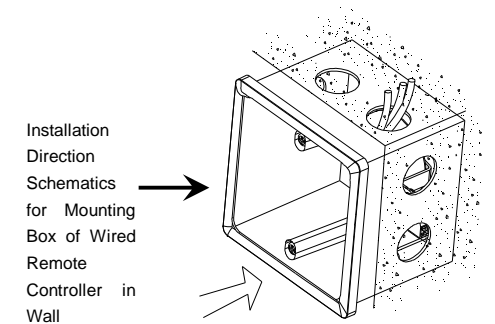
Note: The wire colors marked in this figure are for illustration as an example only. The actual connection shall be based on physical goods.

#### VII. Performance Index

Item	HS-80R Performance Index
Connection to the host	4-wire, twisted pair
Infrared remote control	All functions of current subzone may be controlled from infrared remote controller
Communication distance	Line distance over 300m
Address setting	Set by jumper. 12 addresses in total, corresponding to 12 subzones respectively
Control functions	Audio source election, treble, bass, volume, subzone switch, control of MP3 play, tuner band and selection, DVD play and selection, TV tuning
Power supply	30V (+/-10V). Electric power and data transmitted separately.
Size	86 x 86 x 25mm (exclusive of base seat)
Net weight	66g

#### VIII. Installation Instructions

Note: When mounting the base box into the wall, the two screw holes for fixing the wired remote controller shall be installed longitudinally (as shown below), that is, install in up and down direction.



Installation Procedures:

1. Connect the wire to the host.
2. Install the wired remote controller and its front panel properly according to the steps shown below.

