



Back Ground Music Mini Controller HS-836



Please read the manual before install or operate the system.

Function Instruction

- Unique, simple appearance design.
- 4.3" TFT true color screen full touch screen, with graphical operation interface.
- 5 sources: USB, SD card (support MP3, WMA format, etc.), built-in FM tuner, AUX and you can play music on your device via Bluetooth.
- Built-in Hi-Fi digital amplifier, offering 2.1 outputs connect to active subwoofer.
- Built-in DSP effect, offering 5 effect options: normal, pop, classic, jazz and rock.
- Independent timer with power off memory function.
- Background options.
- RS485 interface for connecting to

intelligent central control, and integrate with other smart home devices.

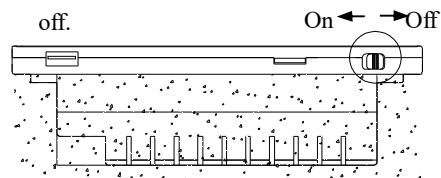
- RJ45 network interface, connect to LAN and wireless router. With wireless router HS836 can be controlled by iPhone, iPad, iPod or Android smart phone.
- Infrared control.

Functions

1. Power on/Power off

- (1) Power on: Push the right bottom switch to left and wait 5s to enter the main interface. (See Chart 1)
- (2) Power off: Push the right bottom switch to right (See Chart 1).

Tips: Restart should be 5s later after power off.



(Chart 1 Power On/Off)

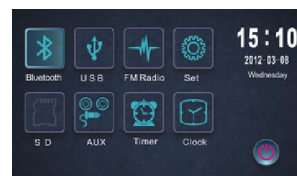
2. Standby/Power on

- (1) Standby: Keep touching  for 2s in main interface and enter the standby state. HS836 still can be controlled by smart phone or RS485 device when standby.
- (2) Power on: When standby, touch screen to turn on.

3. Main Interface

5 audio sources: Bluetooth/USB/SD Card /FM/AUX & System Set, Timer and Clock.

- (1) Choose audio source by first touch audio button, enter to operation interface by second touch.
- (2) In the main interface, USB/SD have 3 states: ① 'Grey' when without USB/SD card insert (see chart 2), ② 'Blue' when USB/SD card insert (see chart 2), ③ 'Light up' when the USB/SD card is selected (see chart 3).



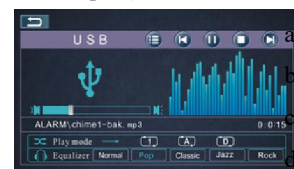
(Chart 2 Main interface)



(Chart 3 Main interface)

USB/SD card

USB sample (SD card is same as USB):



(Chart 4 USB operation)

- a "Back"
- b "List"
- c "PREV"
- d "Pause/play"
- e "Stop"
- f "Next"

1. Touch "USB" (or use controller) to enter USB operation interface (see chart 4).
2. Choose USB play mode by touch following icon:

- ① "List play" ② "Single cycle"
- ③ "All play" ④ "List cycle"

3. Touch  icon to control volume.
4. Touch "standard", "pop", "jazz", "classic", "rock" to choose DSP sound mode.

Tips: Can NOT operate when without USB or SD Card insert.

Bluetooth

1. Touch "blue tooth" in main screen (or use controller) to enter Bluetooth operation interface. (see chart 5).



- a "Back"
- b "PREV"
- c "Pause/play"
- d "Stop"
- e "Next"

(Chart 5 Bluetooth Operation)

2. Take play music on mobile phone as sample: firstly, turn on Bluetooth search in mobile, then touch "match" in HS836 (HS836 Bluetooth item is "Auxdio B01"), When match you will hear a "Bi" sound.
3. Touch  to control volume.
4. Touch "standard", "pop", "jazz", "classic", "rock" to choose DSP sound mode.

Tips: After first time matched, HS836 can be

matched automatically next time.

FM Radio

1. Touch “FM” (or use controller) to enter FM radio operation interface. (see chart 6) .



(Chart 6 FM Radio)

2. Touch “◀” or “▶” one time to search the radio station by hand, when quick touch two times to search radio station automatically, it will stop once get the radio station. Touch “📁” “to save the radio station. (“1/2” means 2 stations have been saved, and the current station is first one. It can save maximum 99 stations.)
3. Touch “🔊” to control volume.
4. Touch ”standard”, “pop”, “jazz”, “classic”, “rock” to choose DSP sound mode.

AUX

1. Touch “AUX” in main screen (or use controller) to enter AUX operation interface (see chart 7) .



(Chart 7 AUX Operation)

2. Touch “🔊” to control volume.

3. Touch ”standard”, “pop”, “jazz”, “classic”, “rock” to choose DSP sound mode.

Tips: Make sure extended AUX audio is connected.

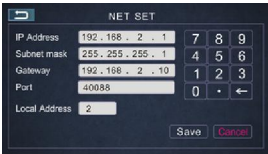
System Setting

1. Touch “Set” in main screen to enter system setting (see chart 8) .



(Chart 8 System Set)

2. The following operations can be achieved in the setting function
- Language options: Chinese, English
 - EQ: standard, pop, jazz, classic, rock
 - Theme: elegant, showy, metallic.
 - Screen time out:30s, 60s and never
 - Backlight Brightness: adjust the backlight brightness
 - Net setting: Set the net IP and RS485 address (see chart 9)
- ① Set the IP address according to LAN.
- ② Local address is for RS485 (address range is 1~248) .



(Chart 9 Net Set)

Timer Setting

1. Touch “clock” in main screen to enter timer setting interface (see chart 10) .
2. Touch “ON” / “OFF” to turn on/off the timer. Maximum can set 20 timer points, when more then 5 timer points, please slide up and down the screen to check timer point .



(Chart 10 Timer)

3. Touch “+” to create a new timer point, it will show as Chart 11 as follow.



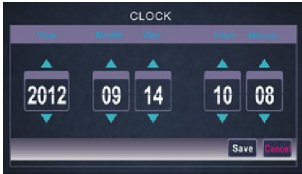
(Chart 11 Set Timer)

- Time: Touch time and “+ -” to set timer’s time.
- Touch “ON OFF” to turn ON/OFF the current timer. (blue and light up means selected.)
- Repeat: cycle basic on 7 days(one week), blue and light up means selected.
- Program: USB/SD card/FM are options, and song and channel can be selected.
- Touch “🔊” to control volume.

- Song/Channel: Choose USB/SD song or FM channel.
- Touch “save” to confirm current setting, touch “cancel” to give up, and touch “delete” to delete current timer point.

Time Setting

1. Touch “Clock” in main interface to enter time setting interface (see chart 11) . Set the date and time, by touching the up and down, touch “save” to confirm.



(Chart 12 Time Setting)

Specifications

ITEM	SPECIFICATION
Power	AC220V / 50Hz
Audio Source	USB/SD/FM/AUX/Bluetooth
AUX input impedance	10K Ω
Amplifier output power	2×12W/8 Ω
Frequency Response	20Hz – 20KHz
THD	≤1%@1KHz
SNR	≥81dB
Bluetooth distance	≤10m
Power Consumption	≤ 45W
Size (L x W x D)	172mm×86mm×50mm