



CoaCh400

C H I A Y O

Personal Wireless Portable Amplifier Operation Manual



GREEN PRODUCT



IC:3563A-COACH400
FCC ID:CINSQ-1016
FCC ID:CINSM-1016

CHIAYO ELECTRONICS CO.,LTD

• Coach 400 operating instruction

Congratulation and thank you for the purchase of this all-in-one ultra compact portable sound system. To ensure a trouble-free operation, please read this manual thoroughly to fully understand its controls and functions.

The main features of Coach 400 are as below:

- ⊗ High efficiency output power with inbuilt 25W class-D power amplifier.
- ⊗ Truly wireless! Battery operation eliminates all cables so you can take it anywhere.
- ⊗ 4" full range speaker system with maximum output of 40W
- ⊗ USB 2.0 port for reading MP3 files with LCD display of track information
- ⊗ Band selection of wireless microphone system : UHF (16 CH. switchable) or UHF/ VHF (fixed frequency)
- ⊗ Input : Wired microphone, Aux In, USB 2.0
- ⊗ Output : Aux Out
- ⊗ 2 alarm sounds for emergency broadcasting
- ⊗ Lithium battery offers extended operation time and minimizes the weight and size
- ⊗ Φ 3.5mm stereo Aux In/Aux Out connectors
- ⊗ Can be worn over the shoulder or mounted on ST-30 tripod stand.
- ⊗ Suitable for outdoor/indoor applications such as lectures, trade fairs, tours and election events etc.

Coach 400 can be equipped with 1 wireless receiver module. This receiver module can be either VHF or UHF. The VHF module is a fixed crystal single frequency type whereas the UHF module is a PLL synthesized type with 16 preset frequencies (identified by external 16 channel rotary switch(s)) or fixed crystal single frequency.

• Configuration:

All versions of Coach 400 series comes equipped with the following:

1. Mini wired microphone (DM-556)
2. Shoulder strap
3. Switch mode power supply
4. Operation manual

• Optional accessories:

1. Wireless handheld or beltpack transmitter
2. Charger for UHF transmitter
3. Tripod stand (ST-30)
4. Storage bag (SB-41)
5. Waist pocket (DC-20)

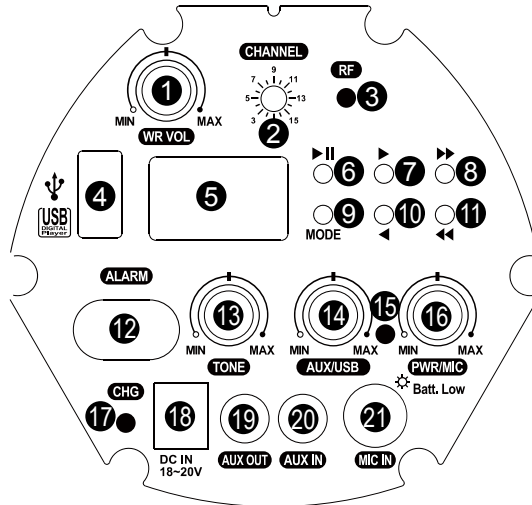
• Matching transmitter

band	handheld transmitter	beltpack transmitter
UHF	SQ-1016(16 freq.)	SM-1016(16 freq.)
	Q-815(fixed freq.)	M-815(fixed freq.)
VHF	Q-1005	M-1005

Remark: Manufacturer reserves the rights to change the above combinations without prior notice.

Coach 400 Rear control panel

• Parts and function



1. Power and volume control of wireless microphone
2. Channel selector
3. RF signal indicator
4. USB port
5. LCD display
6. Play / Pause
7. Skip forward
8. Folder forward
9. Play mode: Short press to switch between "repeat all", "repeat single" and "play random". Press for 1-2 seconds to change "EQ" modes.
10. Skip backward
11. Folder backward
12. Emergency alarm(2 sounds for selection)
13. Tone control
14. Volume control of audio input/USB
15. Power/Battery low indicator: Normal(GREEN)/battery low(RED)
16. Volume control of wired microphone
17. Charging indicator: During charging(RED)/Charging finished(GREEN)
18. DC in
19. Aux output
20. Aux input
21. Wired microphone input

- Recharge its inbuilt Lithium battery before first use

After unpacking the unit for the first time, please charge the unit for about 4~5 hours before any operation. This is absolutely necessary as the built-in rechargeable battery might have been discharged naturally due to long shipment and storage time, even though it has been fully charged in the factory prior to shipment.

To charge the battery, just plug in the DC end of the switch mode power supply into the DC IN of the unit and charging will start automatically. During the charging process, the charging indicator LED will be RED. When this LED turns GREEN, this battery is then fully charged.

- Operating procedures

To operate this portable sound unit, switch on the main POWER switch, which will be GREEN. If it turns RED, its battery power might be too low and recharging is necessary. The main power switch does not switch on the wireless microphone and USB digital player as each of them has dedicated Power / Volume control.

- Operating the built-in wireless microphone system

To use the wireless microphone, first switch on the main power switch, then switch on the WR power/volume control switch. Switch on the corresponding transmitter and set this system to the same frequency and RF signal LED will glow.

- Operating the dynamic wired microphone

There is a MIC IN jack with dedicated volume control for this portable sound unit. To use a cable microphone (dynamic only), just plug the end with a phone jack plug into MIC IN . Switch on the Power / volume control knob MIC and rotate it to adjust the volume.

- Operating the USB Digital Player

To use the wireless microphone, first switch on the main power switch, then switch on the AUX/USB power/volume control switch and rotate it to adjust the volume. Plug USB into the port and begin your music playing and setting.

How to use each buttons of this digital player:

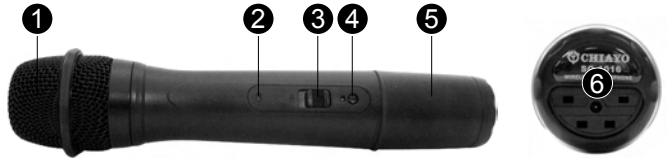
- ▶ ||: Press to play/pause the music.
- ▶ : Press to skip forward.
- ◀ : Press to skip backward.
- ▶ ▶ : Press to skip folders forward.
- ◀ ◀ : Press to skip folders backward.

MODE: Short press to switch between "repeat all", "repeat single" and "play random". Press for 1-2 seconds to change "EQ" modes.

UHF handheld microphone SQ-1016

• Parts and functions

1. Microphone module and ballscreen
2. Power/Battery low indicator
3. Power switch
4. Channel selector
5. Battery cover
6. charging port



• Battery installation

SQ-1016 microphone requires 2 AA-size batteries to operate. Please insert the batteries according to the correct polarity. Many batteries are known to have leakage problem of conductive and corrosive liquid. Please observe the rule to remove the batteries if they are not to be used for a longer period.

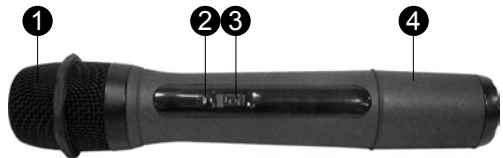
• Channel setting

Use the attached small screw driver to set the channel and the channel number will show on the window above it.

UHF handheld microphone Q-815

• Parts and functions

1. Microphone module and ballscreen
2. Power/Battery low indicator
3. Power switch
4. Battery cover



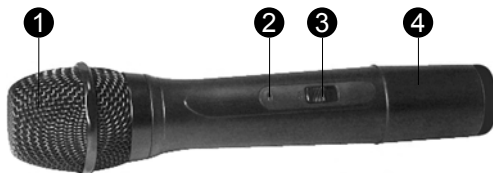
• Battery installation

Q-815 microphone requires 2 AA-size batteries to operate. Please insert the batteries according to the correct polarity. Many batteries are known to have leakage problem of conductive and corrosive liquid. Please observe the rule to remove the batteries if they are not to be used for a longer period.

VHF handheld microphone Q-1005

• Parts and functions

1. Microphone module and ballscreen
2. Power/Battery low indicator
3. Power switch
4. Battery cover



• Battery installation

Q-1005 microphone requires 2 AA-size batteries to operate. Please insert the battery according to the correct polarity. Many batteries are known to have leakage problem of conductive and corrosive liquid. Please observe the rule to remove the battery if it's not to be used for a longer period.

UHF beltpack transmitter SM-1016

• Parts and functions

1. Antenna
2. Power/Battery low indicator
3. Power switch
4. Mini XLR connector
5. Release buttons of battery compartment
6. Battery cover
7. Lavalier microphone
8. Charging contacts
9. Channel selector
10. Gain control (GT, high impedance)
11. Gain control (MT, low impedance)



• Battery installation

SM-1016 microphone requires 2 AA-size batteries to operate. Please insert the batteries according to the correct polarity. Many batteries are known to have leakage problem of conductive and corrosive liquid. Please observe the rule to remove the batteries if they are not to be used for a longer period.

• Channel and sensitivity setting

Use the attached small screw driver to set the channel and the channel number will show on the window above it.

Gain control is an adjustable design that enables user to set different output levels. GT is for the use of instrument with high impedance, such as guitar while MT is for the use of low impedance such as lavalier or headset microphone. To adjust the audio input levels, simply use a small screw driver to rotate to a desired level.

UHF beltpack transmitter M-815
VHF beltpack transmitter M-1005

• Parts and functions

1. Antenna
2. Power/Battery low indicator
3. Power switch
4. Mini XLR connector
5. Release buttons of battery compartment
6. Battery cover
7. Lavalier microphone
8. Charging contacts
9. Gain control (GT, high impedance)
10. Gain control (MT, low impedance)



• Battery installation

M-815/M-1005 microphone requires 2 AA-size batteries to operate. Please insert the batteries according to the correct polarity. Many batteries are known to have leakage problem of conductive and corrosive liquid. Please observe the rule to remove the batteries if they are not to be used for a longer period.

• Sensitivity setting

Gain control is an adjustable design that enables user to set different output levels. GT is for the use of instrument with high impedance, such as guitar while MT is for the use of low impedance such as lavalier or headset microphone. To adjust the audio input levels, simply use a small screw driver to rotate to a desired level.

FCC Caution

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

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

IC ID Caution

This device complies with Industry Canada licence-exempt RSS-123 standard.

Operation is subject to the following two conditions: (1) this device may not cause interference,

and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

THIS DEVICE COMPLIES WITH PART 74 OF THE FCC RULES. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.



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