

iHome

iHC-5

Bluetooth Cellphone Clock Radio Dock

User Manual

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user authority to operate the device.

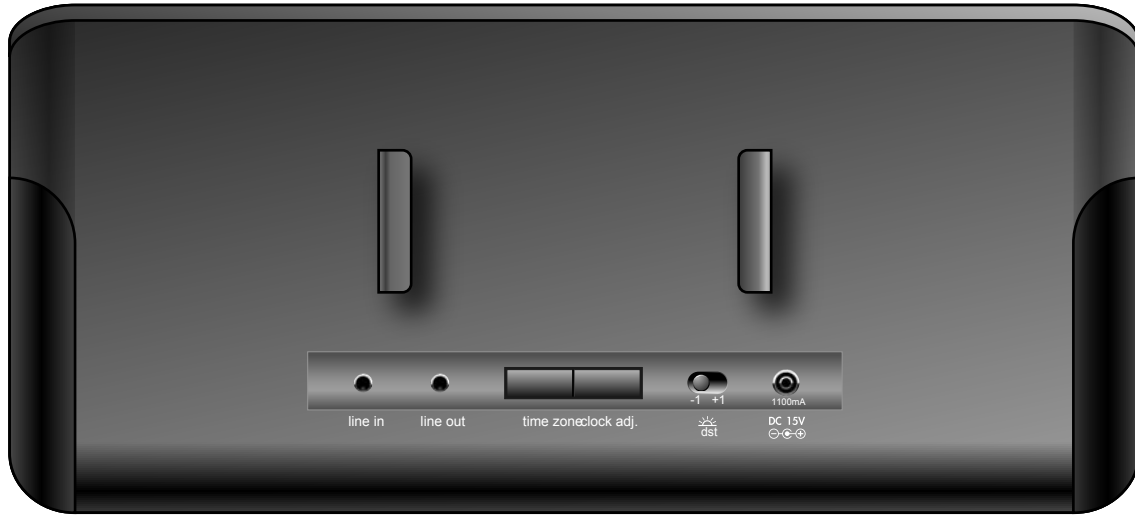
FCC Regulations:

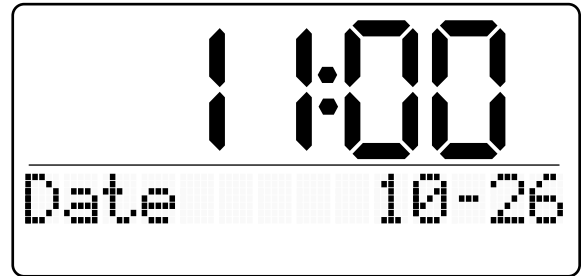
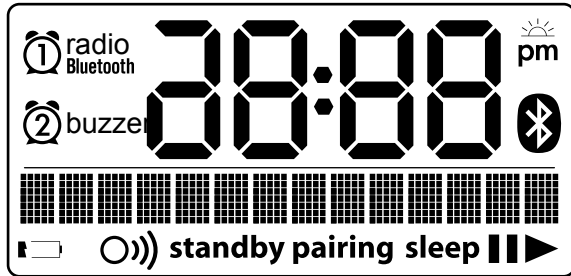
● This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

● This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.





Daylight Savings Time:

*default position is -1 position



Daylight Savings Time (also called DST, or Summer Time) is the portion of the year in which a region's local time is advanced (usually) by one hour from its standard official time.

When slide is set to "+1" position, dst icon(SUN) will be displayed. Forward time by one hour.

When slide is set to "-1" position, Set time back one hour.

Forward / Reverse



Pressing FWD/REV while POWER is off does nothing.

Pressing FWD/REV in CLOCK ADJUST mode, changes time 1 minute per touch

Pressing and holding FWD/REV in CLOCK ADJUST mode, changes time 10 minutes per second.

Pressing FWD/REV in RADIO mode, tunes radio Xhz/Xmhz per touch


Pressing and holding FWD/REV in RADIO mode scans radio forward/reverse.

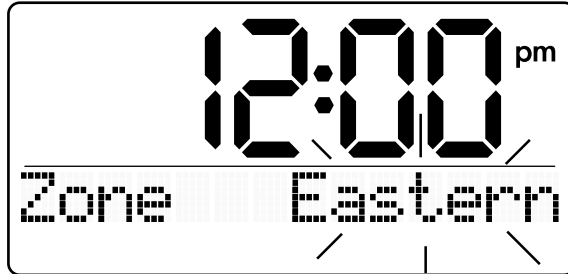
Pressing FWD/REV in Bluetooth mode (with connected device using A2DP and AVRCP profile) when device is playing, will go to the next/previous track.

Pressing and holding FWD/REV in Bluetooth mode (with connected device using A2DP and AVRCP profile) when device is playing, will scan withing the currently playing track.

Setting the Time



*this product is factory preset

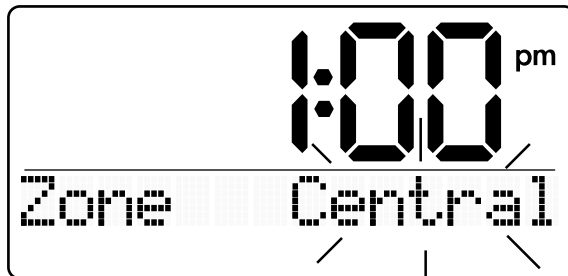
Press  time zone
and hold for 2 sec.




Zone 1 - "Atlantic"
Zone 2 - "Eastern"
Zone 3 - "Central"
Zone 4 - "Mountain"
Zone 5 - "Pacific"
Zone 6 - "Alaska"
Zone 7 - "Hawaii"

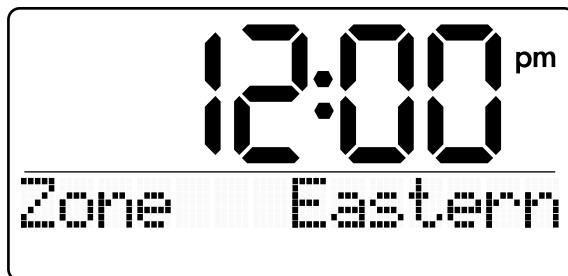
Default is Zone 2 (eastern)
Currently set time is shown. Current Time Zone is flashing.

Press  or 



Time Zone loops as Set Buttons are pressed. Time changes to reflect Time Zone. If no button pressed for 10 seconds, changes are set and 2 BEEPS

Press  time zone
2 BEEPS

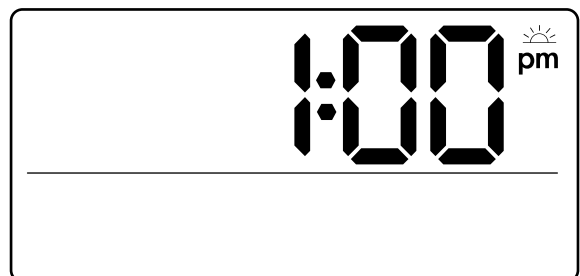
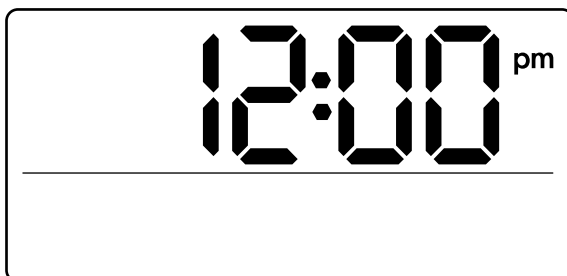
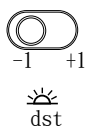


Time Zone Set mode exits.

DST adjustment


*Default position is at -1.

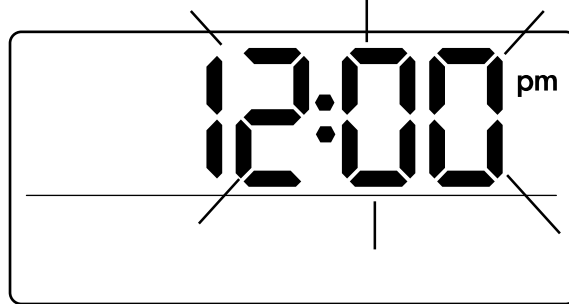
When slide is at "+1" position, forward time by one hour.
Reverse by one hour when turned to "-1" position.




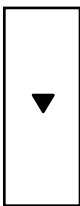
Setting the Time

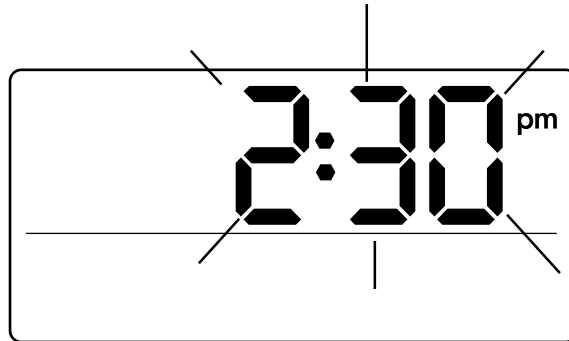
(Including Year, Date, Month): This step would only be required when auto set time is lost.

Press  clock adj.
and hold for 2 sec.



Currently Set Time is Flashing. Default is 12:00 PM


Press  or 

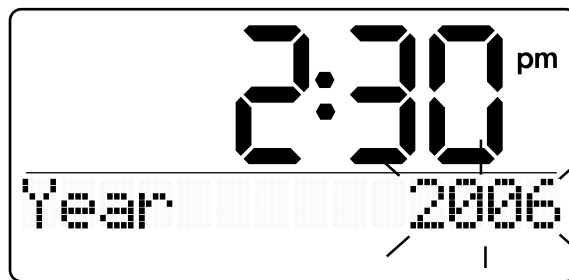


If no button pressed for 10 seconds, changes are set and CLOCK ADJ exits. 2 BEEPS


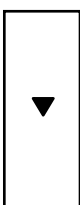
Tap (momentary) to adjust 1 minute increment at a time.

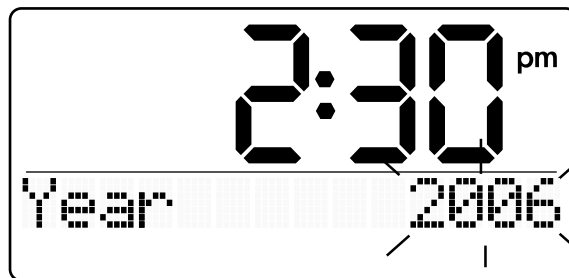
Press & hold 1 sec. to adjust 10 minute increments per 1 second.

Press  clock adj.




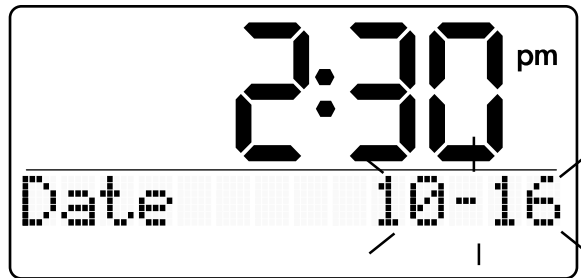
Currently set year appears, flashing.

Press  or 





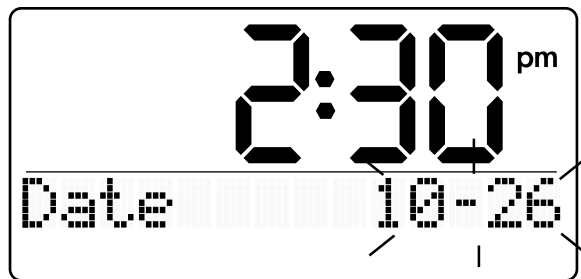
Year loops from Y05 to Y99. If no button/knob is pressed for 10 seconds, changes are set and CLOCK ADJUST exits. 2 BEEPS

Press  clock adj.




Currently set date appears, flashing.

Press  or 

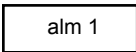
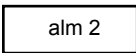


Year loops from Y2005 to Y2099. If no button/knob is pressed for 10 seconds, changes are set and CLOCK ADJUST exits. 2 BEEPS

Press  clock adj.
2 BEEPS

CLOCK ADJUST mode exits

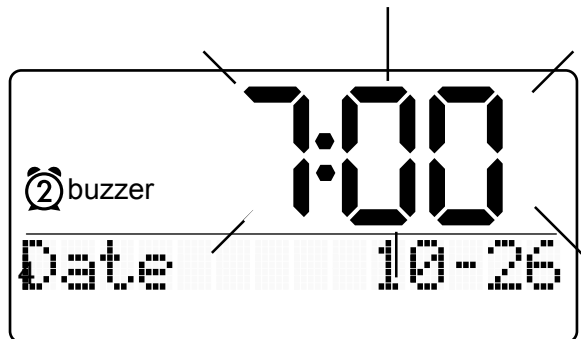
Setting Alarm 1 or 2

Press  -OR- 

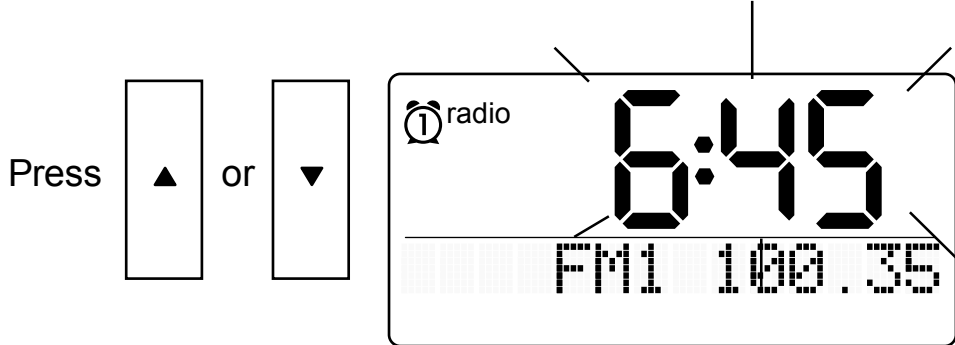
and hold for 2 sec.



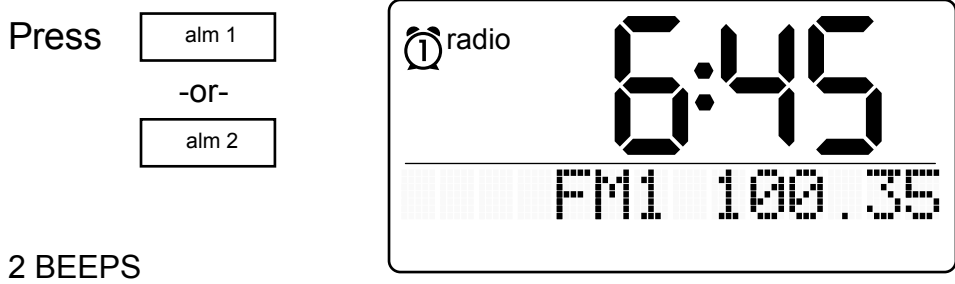
Currently set Alarm Time 1 and wake-to setting appears, flashing. ALM 1 will wake-to Radio -or- connected Bluetooth Device. Default alm time is 6:00am and preset 1 FM1.



Currently set Alarm Time 2 and wake-to setting appears, flashing. ALM 2 will wake-to Buzzer. Default alm time is 7:00am.



If no button pressed in 10 seconds, changes are set and ALARM SET mode exits.

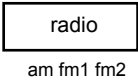


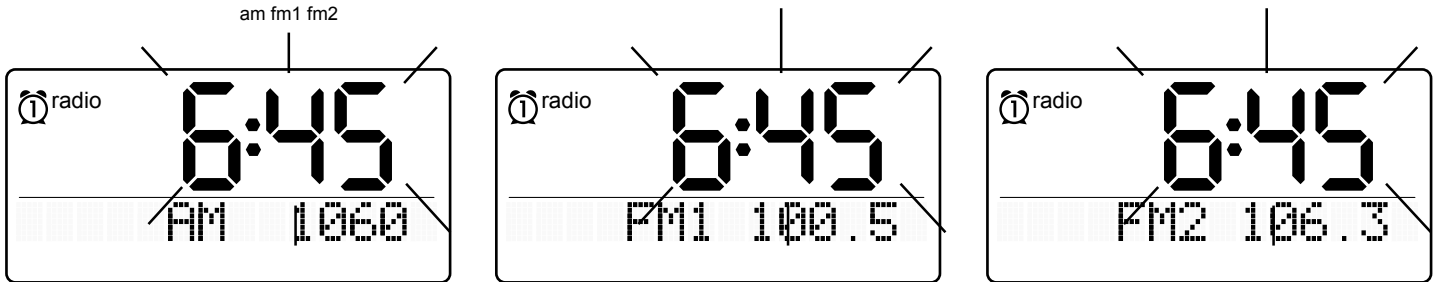
Alarm Time is set and Alarm mode exits. Alarm will auto-arm.

Wake-to selection (at any point during ALM 1 set)

* Default is wake-to setting is RADIO



- Radio Station Selection (only in ALM 1 set)

Pressing  will continuously cycle through AM, FM1, and FM2.




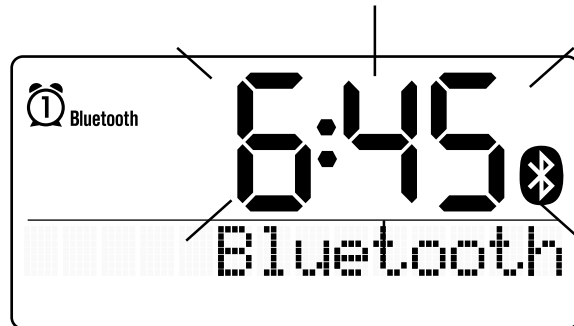
Select desired wake-to station using  presets

- OR -

manually select wake-to station by pressing  or 

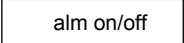
- Bluetooth (ALM 1 only)

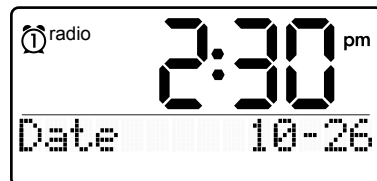
Press  select wake-to connected Bluetooth Device.



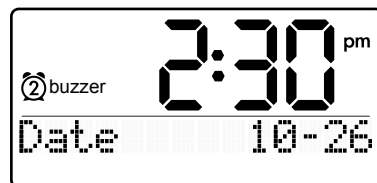
Press RADIO or any preset to switch wake-to selection from Bluetooth to RADIO. IF, when Bluetooth Alarm is sounding, and no sound is detected after 20 sec. the alarm will switch to buzzer.

Turning Alarms on/off

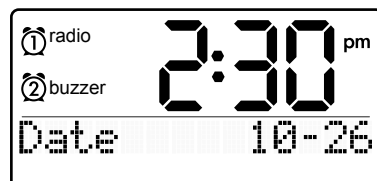
Pressing  repeatedly will cycle through the following states:



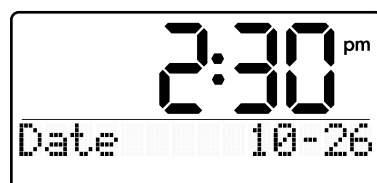
alarm 1 on.



alarm 2 on.



alarm 1 and alarm 2 on.



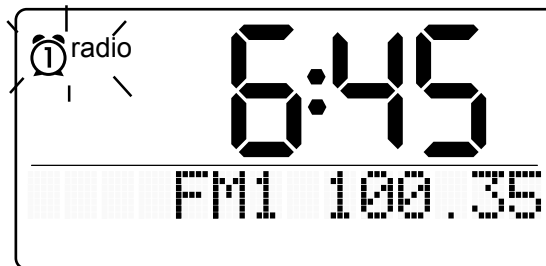
alarm 1 and alarm 2 off.

To preview the alarm



Alarm Time and icon stays for 5 seconds and reverts to normal display

When Alarm is sounding



When alarm is sounding, either the alarm 1 or alarm 2 icon will flash. Alarm will sound for 60 minutes unless stopped.
 When alarm is sounding, pressing ALARM ON/OFF will turn off Alarm.
 When alarm is sounding, pressing ALARM RESET will turn off Alarm and reset for next day.
 When alarm is sounding, pressing **▶||** will activate Bluetooth, pressing RADIO will activate radio.
 Wake-to source sound (bluetooth, radio, piezo buzzer) will use gradual wake (volume ramping). Sound will gradually increase over a duration of 30 seconds to the set volume level.

NOTE: If Alarm 1 in the wake-to bluetooth mode is the sounding alarm, and when alarm sounds, the product detects no sound for 20 seconds, then last radio wake-to selection will sound instead and Bluetooth will power off.

Note: Piezo buzzer uses 100% piezo volume. Confirmation beeps use 30% piezo volume.

Adjusting Volume (only when in Bluetooth/Radio/Aux mode)

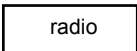
Press or

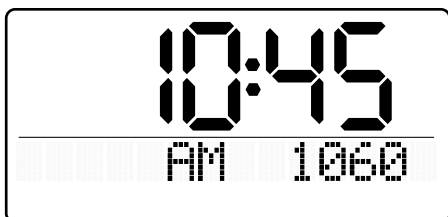


Volume is shown on bottom right of screen volume goes from 0 to 40. If Volume buttons are not touched for 2 seconds, display returns to previous



-Pressing and holding vol. - or + will adjust volume 5 increments per 1 second.

Radio

Pressing  will continuously cycle through AM, FM1, and FM2.
am fm1 fm2

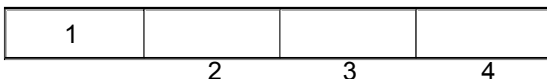


- Selecting a station

Press  or 



- Accessing a radio preset



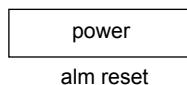
While in any mode, pressing any Preset button will call up that Preset. Presets are numbered 1-4. There are 4 presets for FM1, 4 presets for FM2, and 4 presets for AM. Preset number will be displayed on LCD along with frequency.



- Setting a radio preset

Pressing and holding a preset (1-4) for 2 seconds will assign whatever station was being accessed to that specific Preset Key. 1 Confirm Beep

Power



AUTO PAIRING

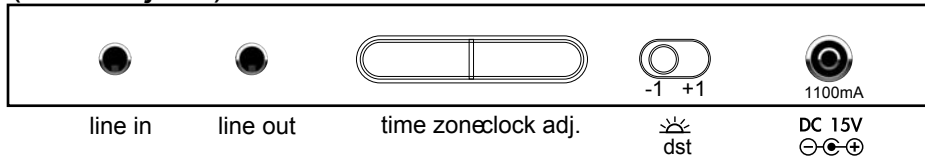
- Press POWER to turn on the unit, the unit is in pairing mode.
- Activate the bluetooth option on mobile phone according to the owner's manual, entering the pass key to establish a pairing connection.
- Bluetooth icon flicks to show the unit is in process of pairing.
- Once connected, the bluetooth icon will remain on (one beep confirm, pairing is successful)
- If the pairing can not be established within 60 seconds, the display returns to flick repeating pairing procedure if a mobile phone is adjacent to the unit.
- If no mobile phone is put in the service range, the display will disappear and change operation to be pairing standby mode.

Power continued...

- Pressing POWER when unit is off goes to either Radio or Bluetooth mode, whichever was last used.
- User can turn Radio off when in Radio mode by pressing POWER.
- User can turn Bluetooth off when in Bluetooth mode by pressing POWER.

Note: alarm reset only functions when alarm is sounding.

Line in (3.5mm jack)



-Line in (Auxiliary) works when unit is in Bluetooth mode, in parallel with both Connected Bluetooth device. If the UNIT is in Bluetooth mode, and both an Auxiliary audio device / phone is connected and playing through the line-in and a Bluetooth Connected phone, BOTH will be heard.




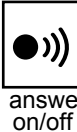
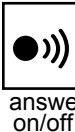
-Certain Phones connected through the Mobile in can be used with the integrated speaker phone.

-When a compatible phone is connected correctly, pressing  will answer incoming calls.

Speaker phone icon will show



-Press  again to END call. Speaker phone icon will turn off.



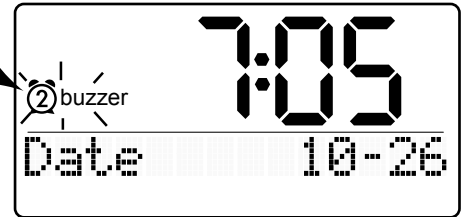
NOTE: Include 2 Patch Cords. 1) Standard 3.5mm-3.5mm Auxiliary patch cord.

2) Custom 2.5mm-3.5mm mobile in patch cord.
(should enable stereo sound and microphone for speaker phone)

Snooze

- Pressing SNOOZE bar while alarm is sounding will stop the alarm from sounding for 9 minutes.
- While in snooze mode, alarm icon will flash. Can be used several time during 1 hour alarm period.

alarm icon will flash



Dimmer (when alarm is not sounding)

Pressing “snooze bar” repeatedly will cycle through:

- 1) High
- 2) Medium
- 3) Low
- 4) Off

Sure Alarm

When AC power is unavailable (blackout), alarm will automatically use piezo as wake to. All Clock/Alarm settings will still work (with 2 AA batteries).

Line Out

The Line Out can be used in any mode, and provides an unamplified stereo signal through the rear 3.5 mm jack.

Sleep Function (sleep can work in any mode)

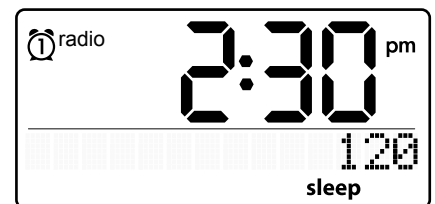
Press

-While unit is off: Pressing SLEEP while unit is off will activate sleep in either Radio or Bluetooth mode (whichever was last used), sleep time will be shown on display (i.e.: 120 minutes)

-While unit is already playing Radio or Bluetooth: Pressing SLEEP while unit is already playing shows sleep time on display (i.e.: 120 minutes)

-While unit is already in SLEEP mode: Pressing SLEEP while unit is in sleep mode will show the amount of sleep time remaining, pressing again will change sleep time to the next lower increment (if at 112 min, it will go to 90, 60, 30, 15 min, Power off).

NOTE: Changing volume while in sleep mode will not affect Normal Volume or Wake-to Volume. Next time sleep mode is used, last used sleep volume is maintained.



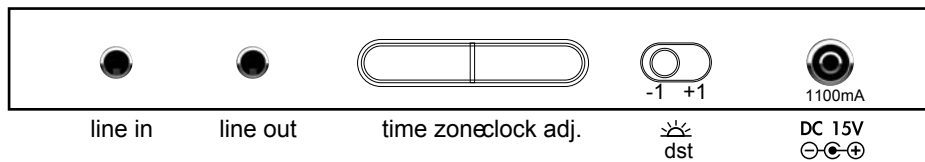
Pressing SLEEP repeatedly cycles between the following durations: 120, 90, 60, 30, 15 min, OFF. During the last 15 seconds of SLEEP mode, the volume will gradually decrease. If SLEEP button is not pressed for 10 seconds display goes back to showing current time.

Interfacing with a Mobile Phone

*Depends on capabilities of each individual handset

I. Hardwired


1. Listening to Music

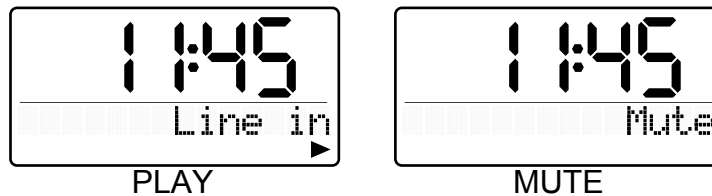


Auxiliary Mode: (Line-in)

*Unit is powered 'ON' in 'Bluetooth' mode, Bluetooth device is NOT connected.

Connect Phone or MP3 player using the appropriate patch cord

Pressing  repeatedly will switch between 'Play' and 'Mute'.




NOTE: MP3 phone or other Auxiliary device must be manually activated. Both line in's ('mobile in' and 'AUX') will sound at the same time; it is up to the user to manually control the external devices.


Mobile In, AUX, and Bluetooth are connected in parallel.

2. Phone calls

Auxiliary Mode: (mobile in)

*Depends on handset, may be necessary to manually answer call directly on phone.

Press  to answer an incoming call and talk using integrated microphone.

Press  to end a phone call.



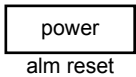
Speaker Phone icon will show when using speaker phone

II. Bluetooth (1.2 class 2)

* Supports Headset, HFP, A2DP, and AVRCP profiles.

1. Pairing your Bluetooth devices

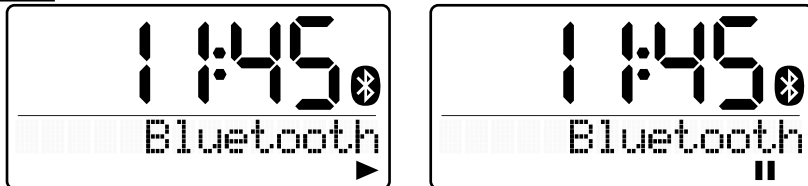
AUTO PAIRING

- Press  to turn on the unit, the unit is in pairing mode.
- Activate the bluetooth option on mobile phone according to the owner's manual, entering the pass key to establish a pairing connection.
- Bluetooth icon flicks to show the unit is in process of pairing.
- Once connected, the bluetooth icon will remain on (one beep confirm, pairing is successful)
- If the pairing can not be established within 60 seconds, the display returns to flick repeating pairing procedure if a mobile phone is adjacent to the unit.
- If no mobile phone is put in the service range, the display will disappear and change operation to be pairing standby mode.

2. Streaming Music

* Handset is connected, supports A2DP profile, and is in Media Player mode.

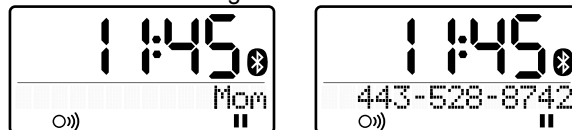
- Press  to play/pause mobile phone's integrated media player.




NOTE: Select "Silence" on phone to turn off integrated speakers on mobile phone.


3. Mobile Phone Operation

-Cellphone will always be the top priority, since and incoming/outgoing has been progressed, interrupts actively and the on-going music will be muted and ring. As soon as the call has been ended, the music will rebound afterward.




incoming call

- Press  to answer an incoming call and talk using intergrated microphone.

- Press  to end a phone call.

-Dial/Voice Dialing


Press  to activate Dial/Voice Dialing on connected handset.

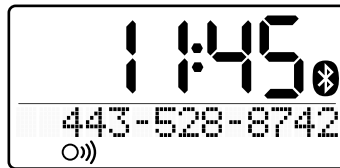


Say preprogramed voice command OR, Dial number using integrated keypad.

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PRS	8 TUV	9 WXYZ
*	0 OPER	#







*tone will sound for each number on keypad.

Press  to place call.



Press  to end call.


* POWER is on in Bluetooth mode

Pairing	Bluetooth  pairing
During Communication	Bluetooth 
Playing Music (play)	Bluetooth  ▶
Playing Music (paused)	Bluetooth 
Bluetooth Connected and Standby	Bluetooth  standby
Standby without Connected (AUX)	Line in ▶
Bluetooth Connected (RADIO Mode)	FM1 100.5 

* POWER is on in RADIO mode

RADIO (Bluetooth Connected)	FM1 100.5 
-----------------------------	---

* POWER is OFF

Power OFF (Bluetooth Connected)	Date 10-26 
Power OFF (without Connected)	Date 10-26

Feature	Button	Operation	Conditions
Auto Pairing	power	press (less than 1 sec)	Standby
Cancel Pairing	power	press + hold 6 seconds	During Pairing
Answer Call	●))	press (less than 1 sec)	Incoming Call (ringing)
End Call	●))	press (less than 1 sec)	During Communication
Dialing/Voice Dialing	●))	press (less than 1 sec)	Standby
Refuse Dialing	●))	press + hold 2 seconds	Incoming Call (ringing)
Last Call Redial	●))	press twice (within .5 sec)	Standby
Switch to Handset	●))	press + hold 2 seconds	During Communication
Cancel Voice Dialing	●))	press (less than 1 sec)	During Voice Dialing
Volume Up	+	press (less than 1 sec)	During Communication
Volume Down	-	press (less than 1 sec)	During Communication
Connect to Handset	●))	press (less than 1 sec)	Disconnected
Play	▶	press (less than 1 sec)	Stop or Pause
Pause	▶	press (less than 1 sec)	Playing
Stop	▶	press + hold 2 seconds	Playing
Track Forward	▲	press (less than 1 sec)	Playing
Track Backward	▼	press (less than 1 sec)	Playing

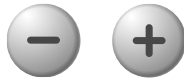
Remote



Pressing POWER/alm reset will function same as on main unit.



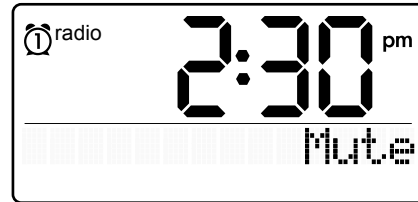
Pressing PLAY/PAUSE will function same as on main unit.



Pressing VOL. - / + will function same as on main unit.



Pressing MUTE will toggle the sound on & off. "Mute" will appear on display. Press any key to exit MUTE.



Pressing FWD/REV will function same as on main unit.



Pressing PRESETS button when unit is in either Bluetooth or Radio mode will automatically go to the last accessed Preset Radio Station on last used BAND (AM, FM1, or FM2). Pressing PRESETS again while already listening to a station in Preset memory will go to the next Preset station programmed.

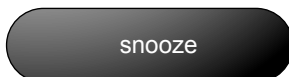
Note: cannot program presets from the remote.



Pressing SPKR PHONE will function same as on main unit.



Pressing RADIO will function same as on main unit.



Pressing SNOOZE will function same as on main unit.