User Manual

Porduct name: Alarm Dock Premium
Model : PG533
Rading: 12V DC, 2,5A

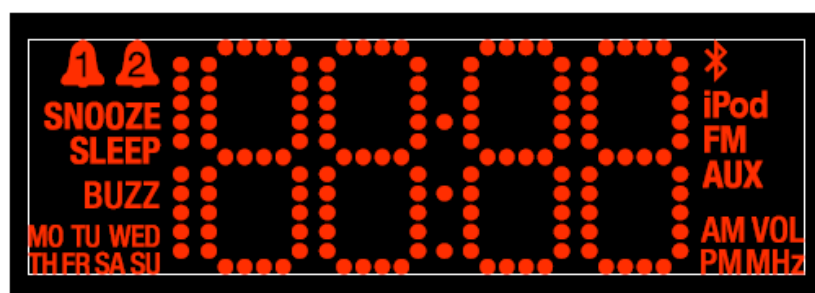**Button Layout**

Power Adapter
- Adapter Model: KSAS0251200250D5
- Adapter manufacture: Kuantech (Beihai) Co., Ltd.
- Adapter input: 100-240V~, 50/60Hz, 0,9A
- Adapter output: 12V DC, 2,5A
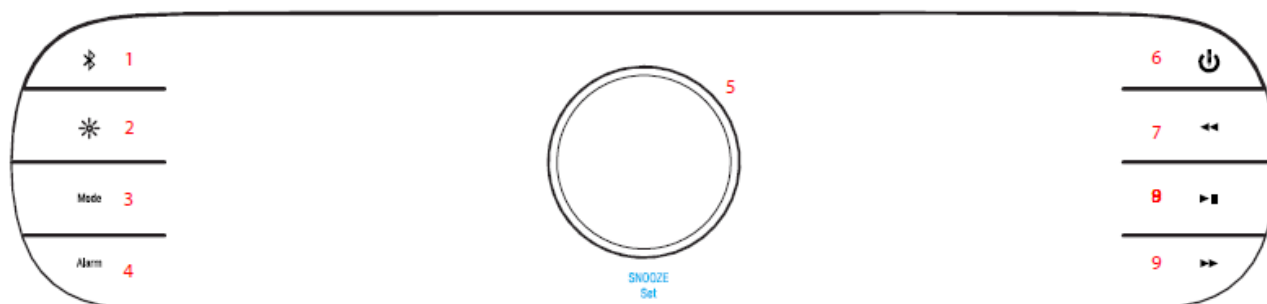
1. BT
2. Dim
3. Mode
4. Alarm
5. Snooze/Set/Rotary Button
6. Power
7. Prev
8. Play/Pause
9. Next

LCD Display

Warning

Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
A MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.
Do not expose the product to any dripping or splashing and make sure no object filled with liquids, such as vases, etc., are placed on them.

FCC Statement

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

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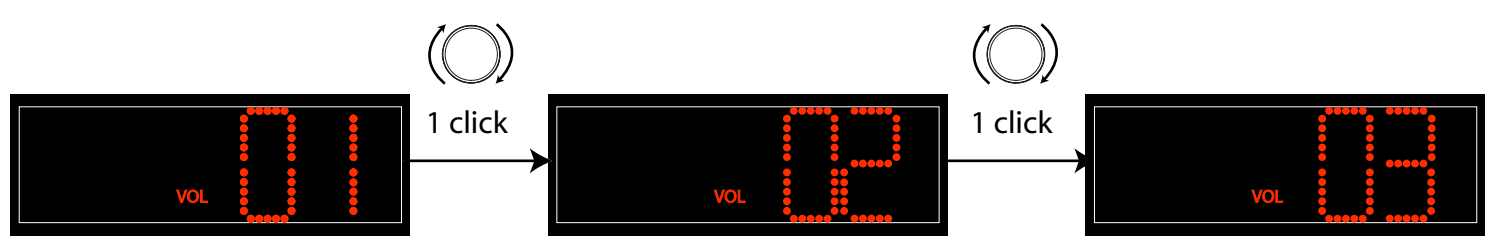
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

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Revisions

Date	Version	Changes
24/2/11	V1.1	Default Mode when switched on Dim levels Volume Snooze included
2/3/11	V1.2	Remote
8/3/11	V1.3	Rotary click defined Brightness settings changed
11/4/11	V1.4	Sub Tree defined Presets Feedback loop
14/5/11	V1.5	Removed remote functionality Added BT connection model
27/5/11	V1.6	Button Layout
20/6/11	V1.7	Included 'escape' button during settings Factory Reset Defined features that be used during Standby Tones for BT memory clear Changed AlarmDock to HouseParty during BT pairing FM Scanning Display on long press
24/6/11	V1.8	Escape button removed FM mode: clock display shows after 5s Manual ON - Mode remains as previous Auto On - Goes to iPod mode Docking when speaker is ON Connection time defined for docking with BT connected Menu Tree Structure - Removed Saving presets revised Cycling presets revised Setting Alarms and Times revised Sleep timer revised App Interaction with Speaker Feedback loop alarms - removed
8/8/11	V1.9	Alarm Button display when alarms are already activated Alarm settings accessible both when speaker is ON and Standby Alarm button functions when unit is ON and Standby

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Rotary Button
(One audio/physical click per incremental step of selection)
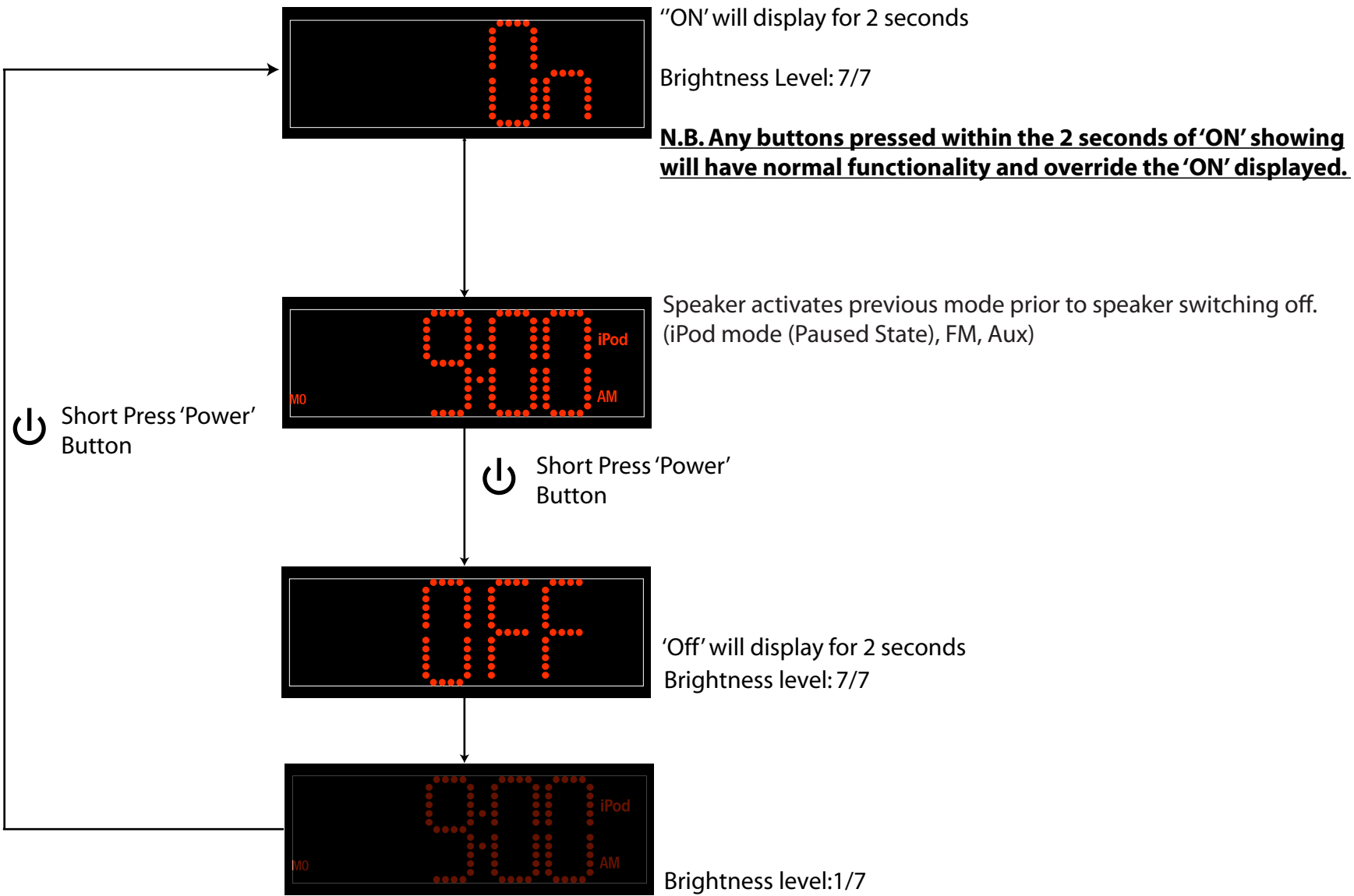
VOL 01 → 1 click → VOL 02 → 1 click → VOL 03

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On and Standby/Off Mode
Display sequence for when speaker is turned on/off manually

Buttons Used:

Power button

''ON' will display for 2 seconds

Brightness Level: 7/7

N.B. Any buttons pressed within the 2 seconds of 'ON' showing will have normal functionality and override the 'ON' displayed.

Speaker activates previous mode prior to speaker switching off. (iPod mode (Paused State), FM, Aux)

Short Press 'Power' Button

Short Press 'Power' Button

'Off' will display for 2 seconds
Brightness level: 7/7

Brightness level: 1/7

Auto On Behaviour
If an iPod/iPhone is docked during Standby mode (speaker) - Speaker will turn on and enter iPod mode

Docking iPod when speaker is on:
Mode remains the same

Factory Reset

Accessible when speaker is ON or Standby

Buttons Used:
Power button

To restore to factory settings, press and hold the power button (Very long press 20s)
When the time has elapsed, there will be a bleep. When the factory reset is complete, the device will reset.

The following settings will be removed :-

* Time - reset to Midnight in 12hour mode.
* Alarm 1 - removed
* Alarm 2 - removed
* Paired devices and associated serial number list
* Local name
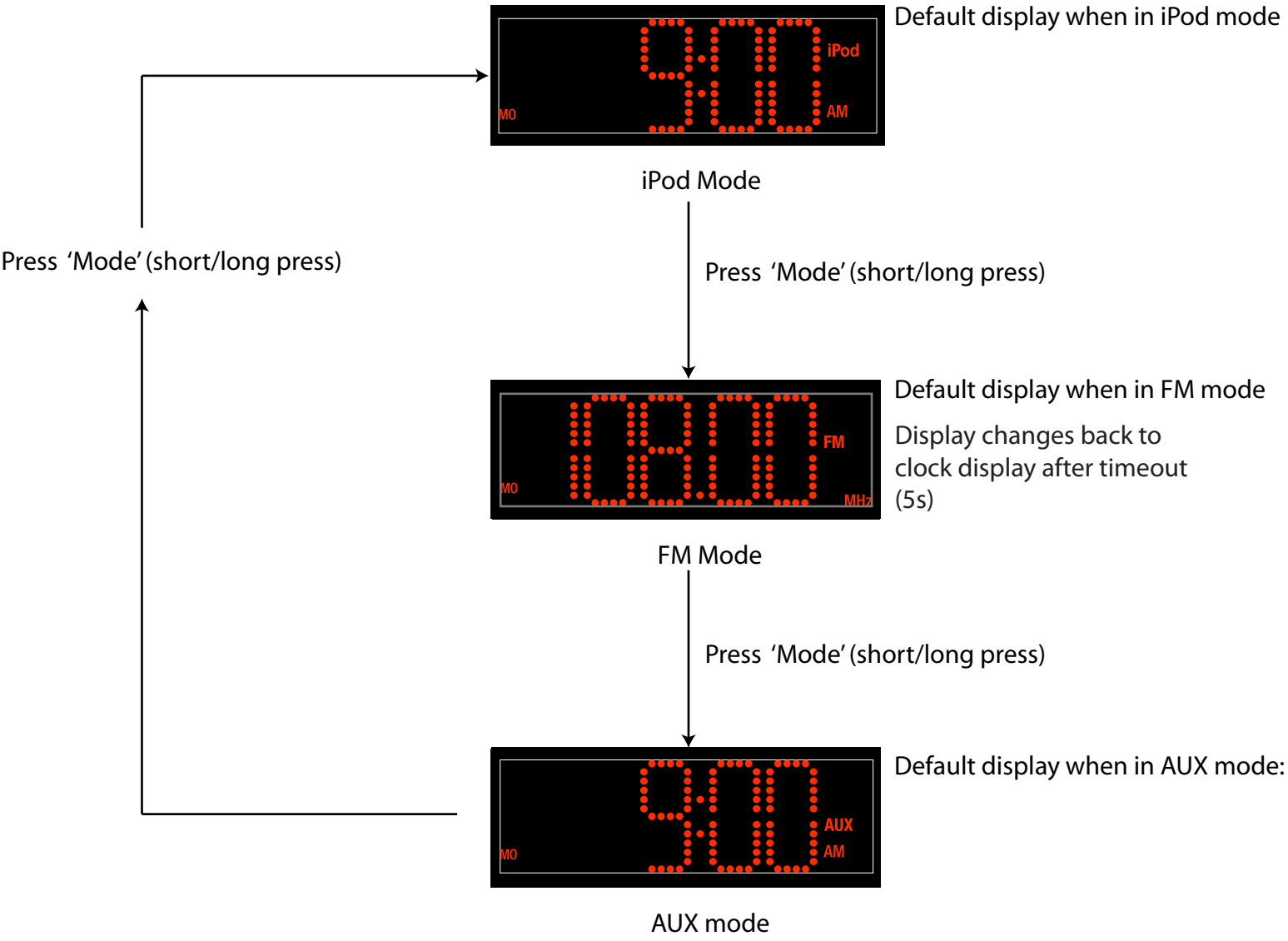* Timeouts
* Connection mode
* FM Presets
* Last paired device

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Modes
How to change modes and order of sequence

Only accessible when speaker is ON

Buttons Used:
Mode

Default display when in iPod mode

iPod Mode

Press 'Mode' (short/long press)

Press 'Mode' (short/long press)

Default display when in FM mode

Display changes back to
clock display after timeout
(5s)

FM Mode

Press 'Mode' (short/long press)

Default display when in AUX mode:

AUX mode

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Transport Buttons

iPod Mode
Short press
◄◄   Skips to prev track
►►   Skips to next track
►❚   Play/pauses track

Long press
◄◄   Rewinds current track by 10 seconds per second
►►   F.Forward current track by 10 seconds per second

FM Mode
Short Press

◄◄   Decreases FM frequency by 0.1
►►   Increases FM frequency by 0.1
►❚   Cycles through presets

Long Press
◄◄ ►►   Scans up to next strong frequency
    (Display will show the frequency scanning up to the next strong channel. At the tuned freq, display will show the radio frequency for 1s,
     then continue scanning for the next station if the button is still held)

During Mode settings (setting time, alarms)
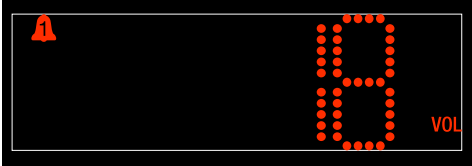Short Press
◄◄ ►►   Replicates one rotary button click

Long Press
◄◄ ►►   Replicates rotary button action when turned fast

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Volume (Only accessible when speaker is in ON mode)
Turning the rotary button will bring up the volume display (This will only occur if the speaker is not currently in any setup processes, e.g setting alarms, time, mode)

Volume level: 0 - 40
Clockwise turn: Volume UP
Anti Clockwise turn: Volume DOWN

Turning the button slow: volume will increase/decrease
Turning button fast: volume will move in 5 step intervals
Display will go back to the Default Mode Display 3 seconds after the volume button is released.

Dim button (Accessible when speaker is ON or Standby)
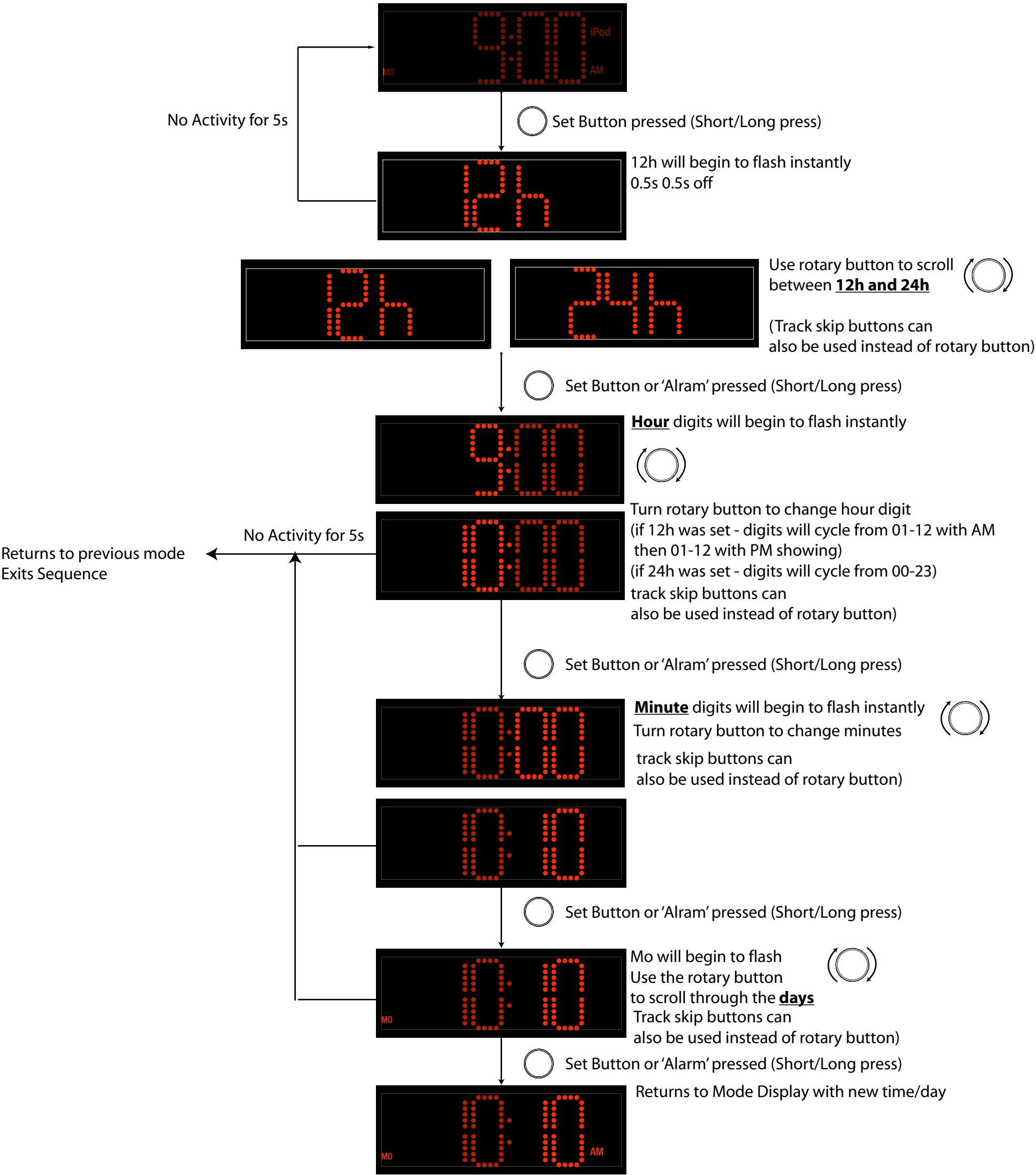Press the dim button (short/long press) to cycle through brightness settings

Level 7 - Full brightness
Level 0 - Off

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Time Setting (only available when speaker is on Standby)
Display sequence for setting the time

Buttons Used:
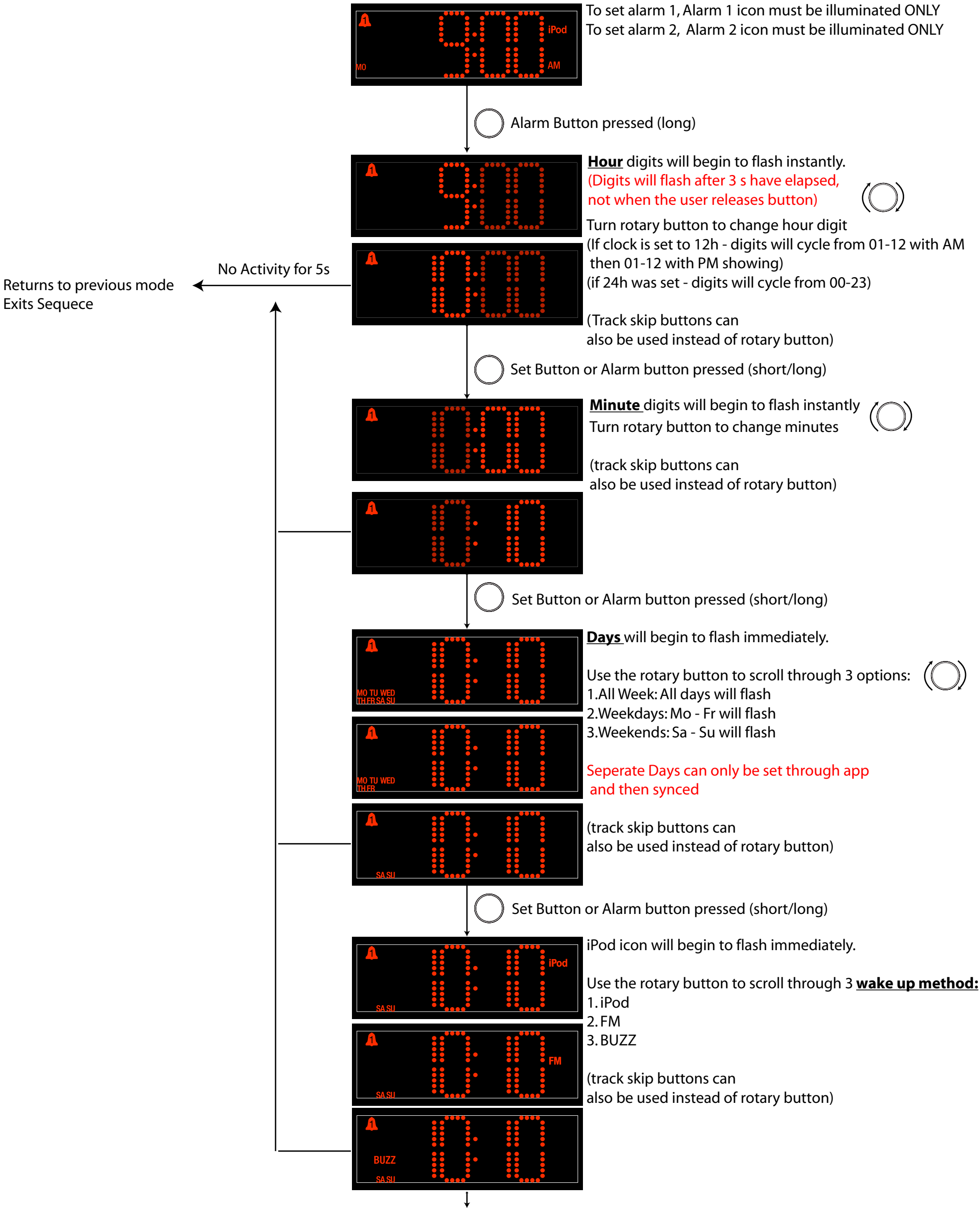Set Button Press
Set Button - Rotary Function

No Activity for 5s

Set Button pressed (Short/Long press)

12h will begin to flash instantly
0.5s 0.5s off

Use rotary button to scroll
between **12h and 24h**

(Track skip buttons can
also be used instead of rotary button)

Set Button or 'Alram' pressed (Short/Long press)

Hour digits will begin to flash instantly

Turn rotary button to change hour digit
(if 12h was set - digits will cycle from 01-12 with AM
then 01-12 with PM showing)
(if 24h was set - digits will cycle from 00-23)
track skip buttons can
also be used instead of rotary button)

Returns to previous mode
Exits Sequence

No Activity for 5s

Set Button or 'Alram' pressed (Short/Long press)

Minute digits will begin to flash instantly
Turn rotary button to change minutes

track skip buttons can
also be used instead of rotary button)

Set Button or 'Alram' pressed (Short/Long press)

Mo will begin to flash
Use the rotary button
to scroll through the **days**
Track skip buttons can
also be used instead of rotary button)

Set Button or 'Alarm' pressed (Short/Long press)

Returns to Mode Display with new time/day

Alarm Setting Sequence
Display sequence for setting the alarms

Accessible when speaker is ON or Standby

Buttons Used:
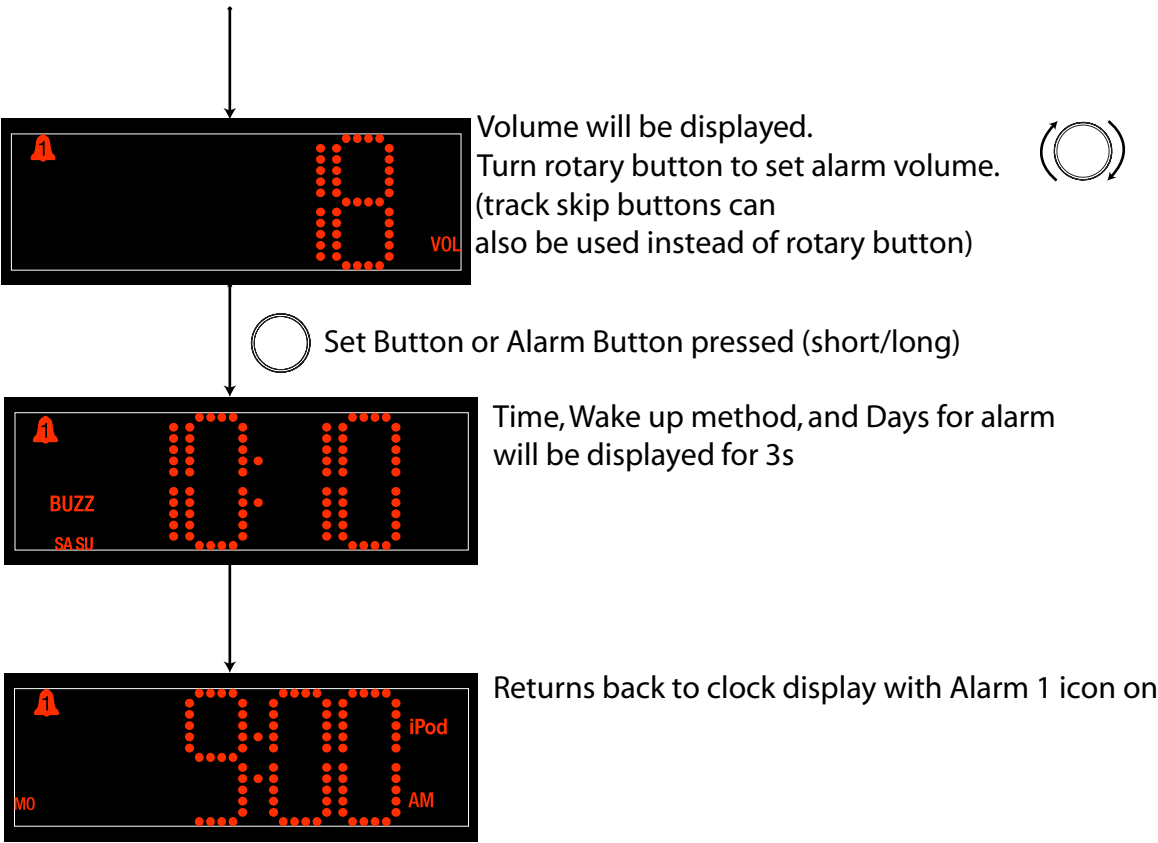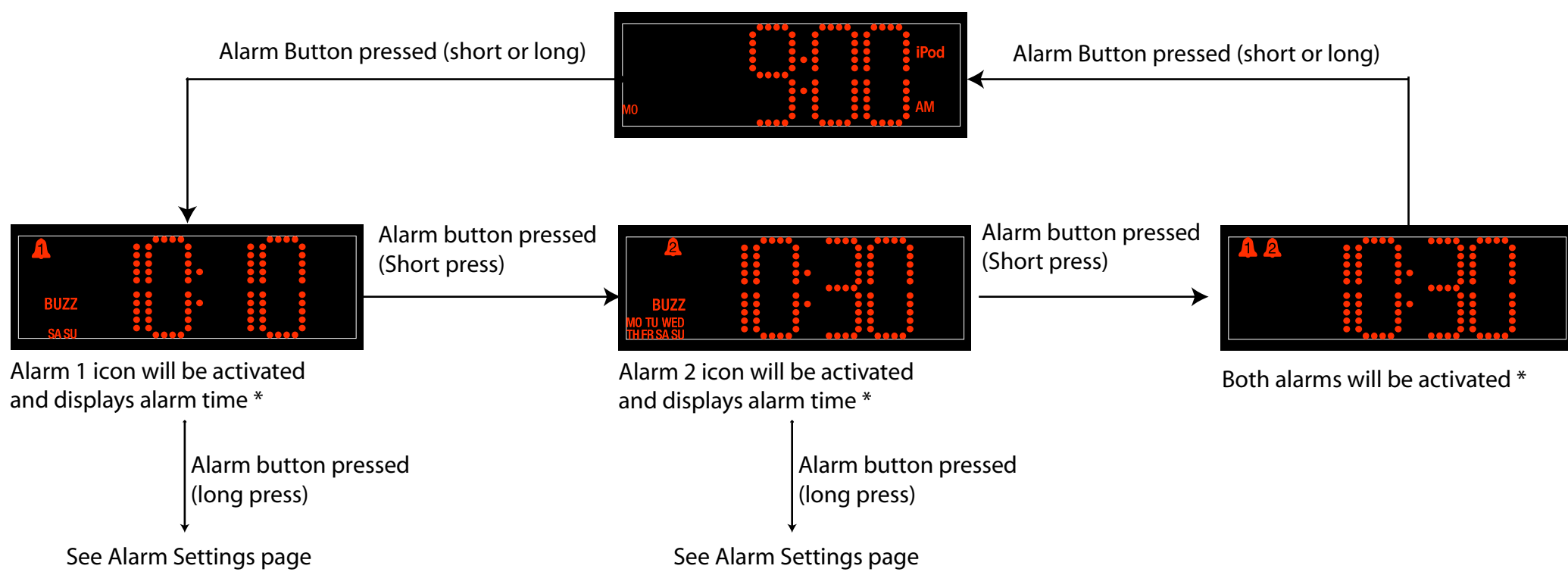Set Button Press
Set Button - Rotary Function
Power Button

To set alarm 1, Alarm 1 icon must be illuminated ONLY
To set alarm 2, Alarm 2 icon must be illuminated ONLY

Alarm Button pressed (long)

Hour digits will begin to flash instantly.
(Digits will flash after 3 s have elapsed,
not when the user releases button)

Turn rotary button to change hour digit
(If clock is set to 12h - digits will cycle from 01-12 with AM
 then 01-12 with PM showing)
(if 24h was set - digits will cycle from 00-23)

(Track skip buttons can
also be used instead of rotary button)

No Activity for 5s

Returns to previous mode
Exits Sequece

Set Button or Alarm button pressed (short/long)

Minute digits will begin to flash instantly
Turn rotary button to change minutes

(track skip buttons can
also be used instead of rotary button)

Set Button or Alarm button pressed (short/long)

Days will begin to flash immediately.

Use the rotary button to scroll through 3 options:
1.All Week: All days will flash
2.Weekdays: Mo - Fr will flash
3.Weekends: Sa - Su will flash

Seperate Days can only be set through app
 and then synced

(track skip buttons can
also be used instead of rotary button)

Set Button or Alarm button pressed (short/long)

iPod icon will begin to flash immediately.

Use the rotary button to scroll through 3 **wake up method:**
1. iPod
2. FM
3. BUZZ

(track skip buttons can
also be used instead of rotary button)

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Alarm Setting Sequence
Display sequence for setting the alarms

Accessible when speaker is ON or Standby

Buttons Used:
Set Button Press
Set Button - Rotary Function
Power Button

Volume will be displayed.
Turn rotary button to set alarm volume.
(track skip buttons can
also be used instead of rotary button)

Set Button or Alarm Button pressed (short/long)

Time, Wake up method, and Days for alarm
will be displayed for 3s

Returns back to clock display with Alarm 1 icon on

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Alarm Button Sequence
Activating and deactivating alarms

Accessible when speaker is ON or Standby

Buttons Used
Alarm Button

Alarm Button pressed (short or long)   Alarm Button pressed (short or long)

Alarm button pressed
(Short press)

Alarm button pressed
(Short press)

Alarm 1 icon will be activated
and displays alarm time *

Alarm 2 icon will be activated
and displays alarm time *

Both alarms will be activated *

Alarm button pressed
(long press)

Alarm button pressed
(long press)

See Alarm Settings page

See Alarm Settings page

* N.B. After 5s of no activity, the display will return to clock display with alarm icon/s showing.

Alarm Button/ Display Sequence when alarms are already activated

Pressing the alarm button when Alarm 1 or 2 is already active should display the alarm setting information.
(Only pressing the alarm button again should it cycle through to the next alarm ON/OFF mode)

If both alarms are already active, pressing the alarm button should display Alarm 2's alarm setting infomation.
(Only pressing the alarm button again should it cycle through to the next alarm ON/OFF mode)

Buttons Used
Alarm button

Alarm Button pressed (long)
See Alarm Settings page

No Activity for 5s
Returns to clock display
with Alarm 1 icon

Alarm Button pressed (short)

Alarm 1 settings will
display

Alarm Button pressed (short)

Continues Alarm Activate/Deactivate cycle:
Alarm 1, Alarm 2, Both, No alarm

(See above sequence)
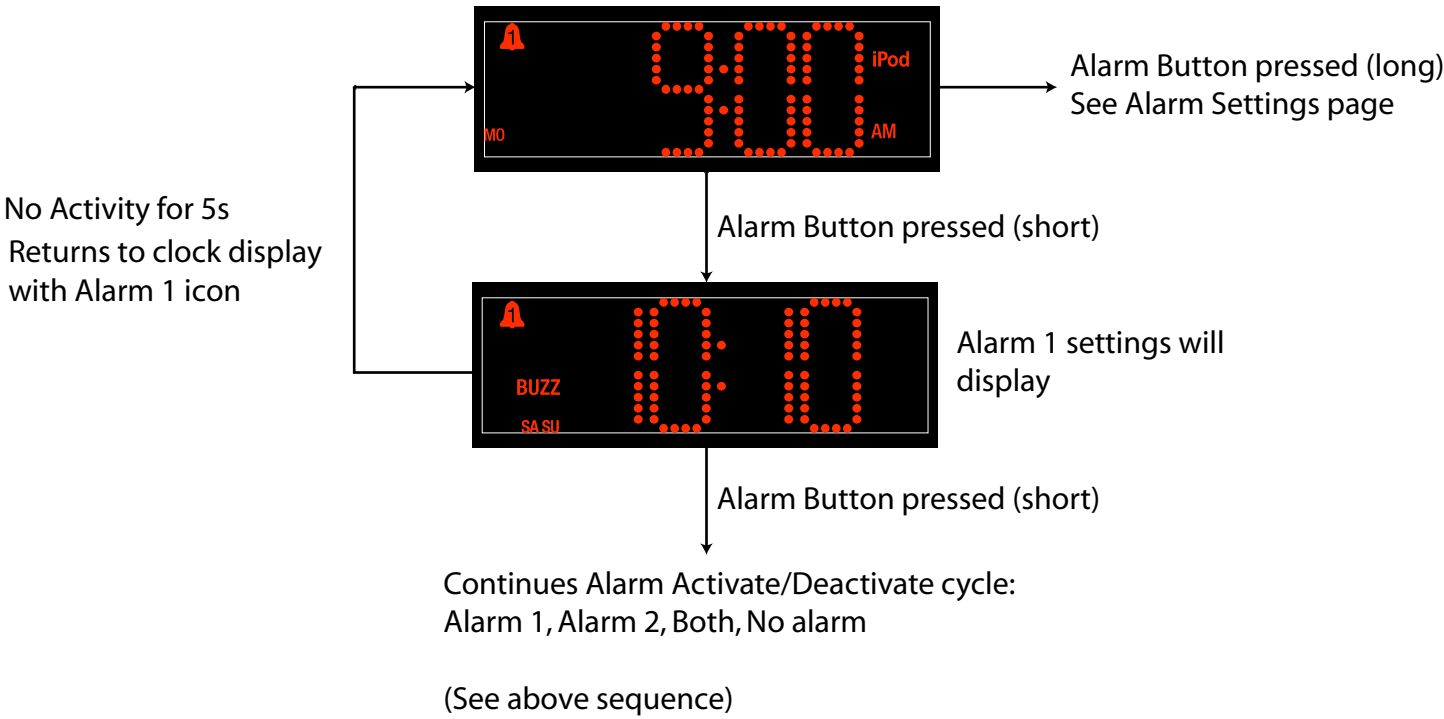
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Sleep Sequence
How to access sleep function

Only accessible when speaker is ON

Buttons Used:
Set Button Press
Set button - Rotary function

No Activity for 5s

Set Button is pressed

'10' will flash immediately,
Turn Rotary button to scroll between sleep timer

'10, 20,30,45,60, OFF'

Set Button is pressed

Displays return to clock display with 'SLEEP' icon
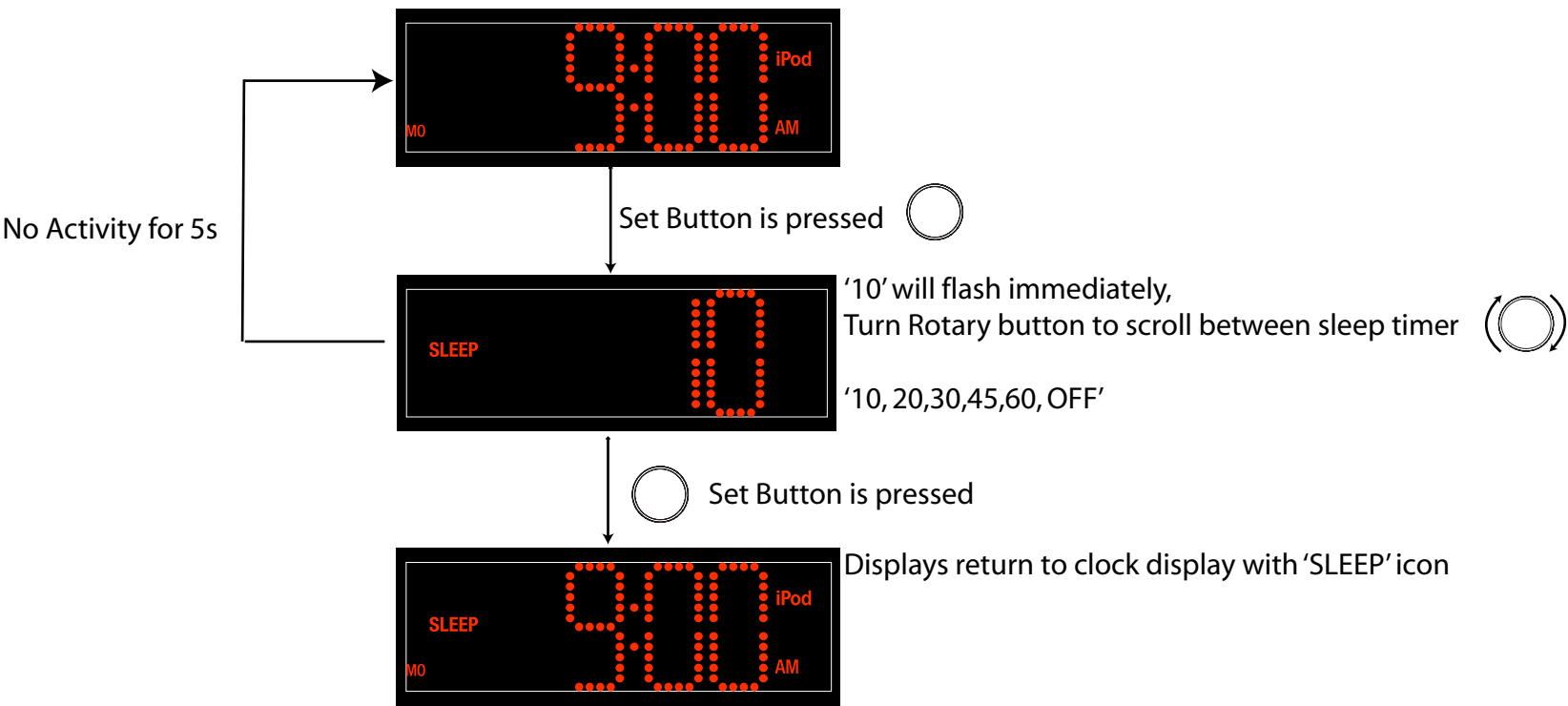
AlarmDock Prem UI V1.9

Snooze
Sequence of display for when an alarm rings

Buttons Used:
Snooze (Set Button)
Power Button

FM Mode

AUX mode

Pressing ⏻ during alarm ring stops the alarm
and returns the speaker and display back to
what it was prior the alarm ring

When Alarm is ringing, the alarm icon will flash:
0.5s on, 0.5s off.
The time/date and wake-up method will also be display
(iPod, FM, BUZZ)

SNOOZE is pressed

Pressing ⏻ stops the Snooze
and returns the speaker and display back to
what it was prior the alarm ring

Alarm icon will stop flashing.
SNOOZE will be solidly displayed

Pressing ⏻ during alarm ring stops the alarm
and returns the speaker and display back to
what it was prior the alarm ring

After the snooze time - the alarm will begin to ring again
SNOOZE and alarm 1 icon will begin to flash and the
wake -up method will be displayed again.

SNOOZE is pressed

Presets (FM Mode Only)
How to cycle through set Presets

Buttons Used:
Play/Pause

Play/Pause button pressed (short) ▶ ❚❚

Pr 01 will display for 1 second
Preset 1's station will then display
FM will tune into this frequency

Play/Pause button pressed (short) ▶ ❚❚

Pr 02 will display for 1 second
Preset 2's station will then display
(FM will tune into this frequency)

Play/Pause button pressed (short) ▶ ❚❚

Pr 03 will display for 1 second
Preset 3's station will then display
(FM will tune into this frequency)

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Saving Presets (FM Mode Only)

Buttons Used:
Play/Pause Button
Rotary Button
Set Button

Play/Pause button pressed (long) ►❚❚

'01' will being to flash. Turn the rotary button
to cycle through the presets:

Pr 01   Pr 02   Pr 03... ...Pr 05

(Track skip buttons can also be used instead of Rotary button)

Set button / Play button pressed ►❚❚
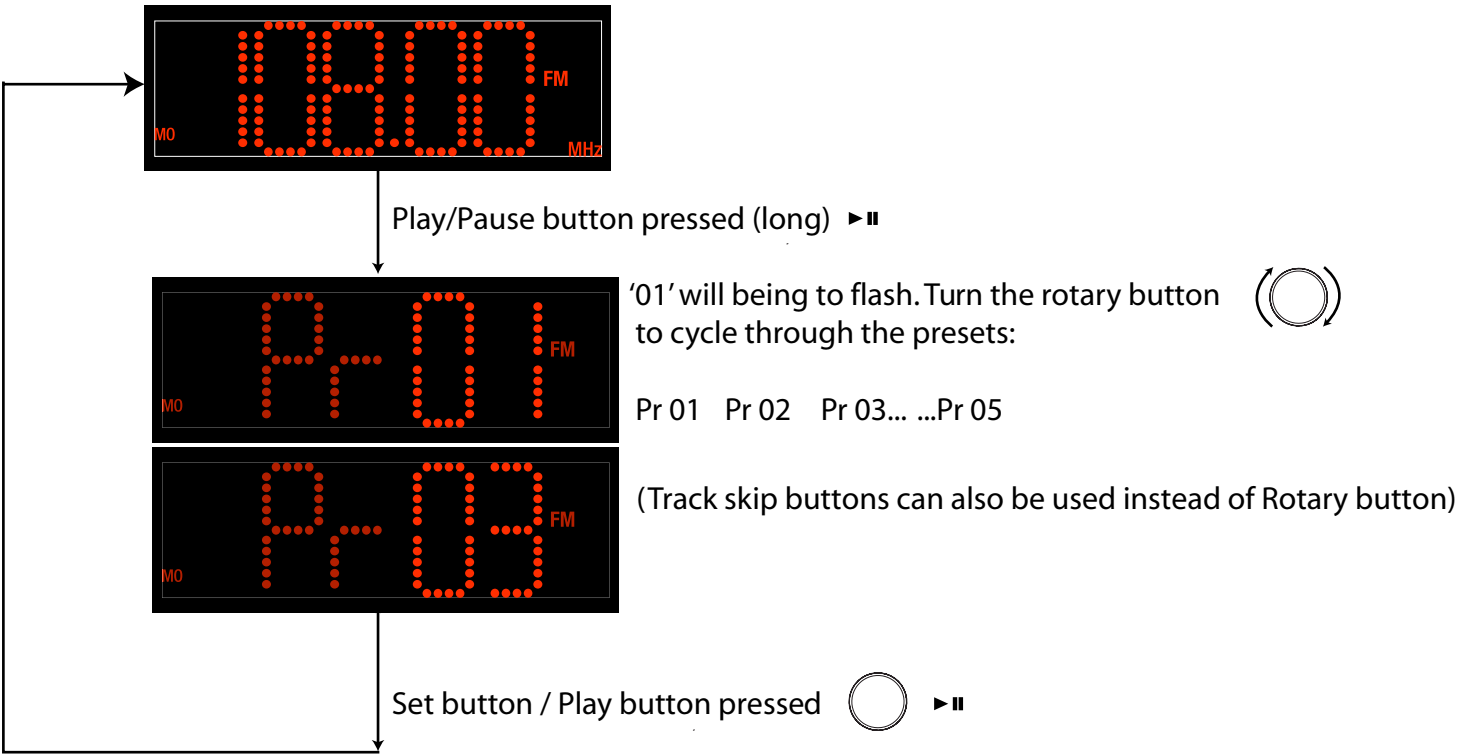
No activity for 5s -> returns to previous frequency and display (Preset is not saved)

AlarmDock Prem UI V1.9

BT - Pairing iPhone to speaker

Only accessible when speaker is ON

Buttons Used:
BT Button

1)
Settings > General > Bluetooth
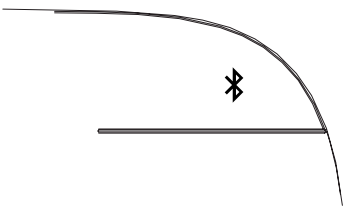
2)
Press and hold BT button for 6 seconds
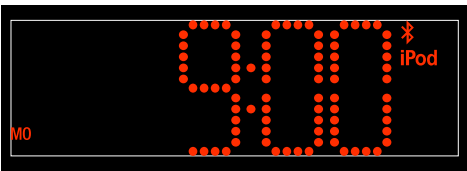
Speaker will enter pairing mode
BT icon: Flashing 200ms ON 200ms OFF
Tone: TBC Stratos
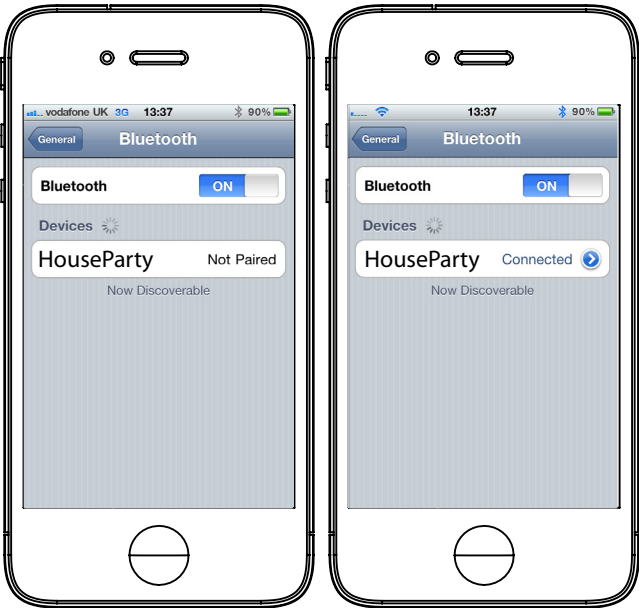
3)
Speaker appears under devices on iPhone
Select 'HouseParty' to connect
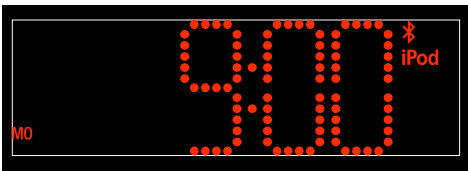
Speaker will enter Connected mode within 6s
BT icon: Solid ON

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BT - Connection Model
Refer to P1050 Connection Model document

Buttons Used:
BT Button

During Standby

BT is in connectable state
BT icon is off

BT Button on speaker will carry no functionality when speaker is in Standby I.e. cannot access pairing mode when unit is in standby.
Speaker will enter ON Mode if a paired device is connected via BT's setting menu:

Further functionality through app:
Bluetooth disconnection timer (0min - 6days) Default: 30 mins (TBC after testing)
Power button to turn speaker ON/OFF

Default disconnection time:
30mins

Within 30mins:
- Pressing 'Power' on the app screen will turn speaker back on
- App and speaker has full functionality

After 30mins
'Turn on your speaker on or
re-connect your speaker via the iPhone Bluetooth Settings'
splash screen appears on app

On Mode

Default BT mode: Connecting/Connectable
BT icon: flash 500ms On 500ms Off for 30s

After 30s
BT Mode: Connecting/Connectable
BT Icon: Off

Press and
hold BT button
(20s)

Pressing BT Button
(Short Press)

Pairing information cleared.
A tone will be played once the full
time has elapsed to indicate reset has been successful.

If BT is connected: Goes to connectable
If BT is not connected: Remains in connectable/connecting state but BT icon is off

Press and Hold BT Button
(6s)

Enters pairing mode
BT icon: Flashes 200ms on 200ms off

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BT - SmartLink app
App interaction when docked and undocked

Buttons Used:
BT Button

iPhone/iPod Touch docked

When iPod Touch/iPhone is docked
BT icon: Off

iPhone/iTouch and App is connected
to speaker via 30 pin connector

iPhone/iPod Touch Undocked
(Assuming both device and speaker have been previously paired and iPhone BT is switched on)

1) iPhone is undocked

BT mode: connecting/connectable
BT icon: Flashing 500ms on 500ms off
Duration 30s
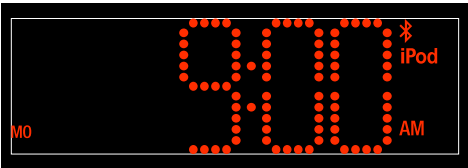
2) No connection after 30s
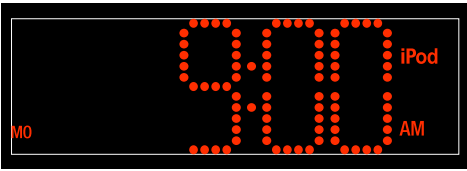
BT remains in Connecting/Connectable mode.
BT icon: Off

2) Device and Speaker
paired via BT

BT Mode: Connected
BT icon: Solid On

3) App is connected to speaker via BT.
Connection time: <8s
App can control speaker wirelessy as a remote

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iPhone/iPod Touch docked
(Assuming both device and speaker have been previously paired and iPhone BT is switched on)

1) App connected via BT

2) Docking iPhone

3) Connection time <3s
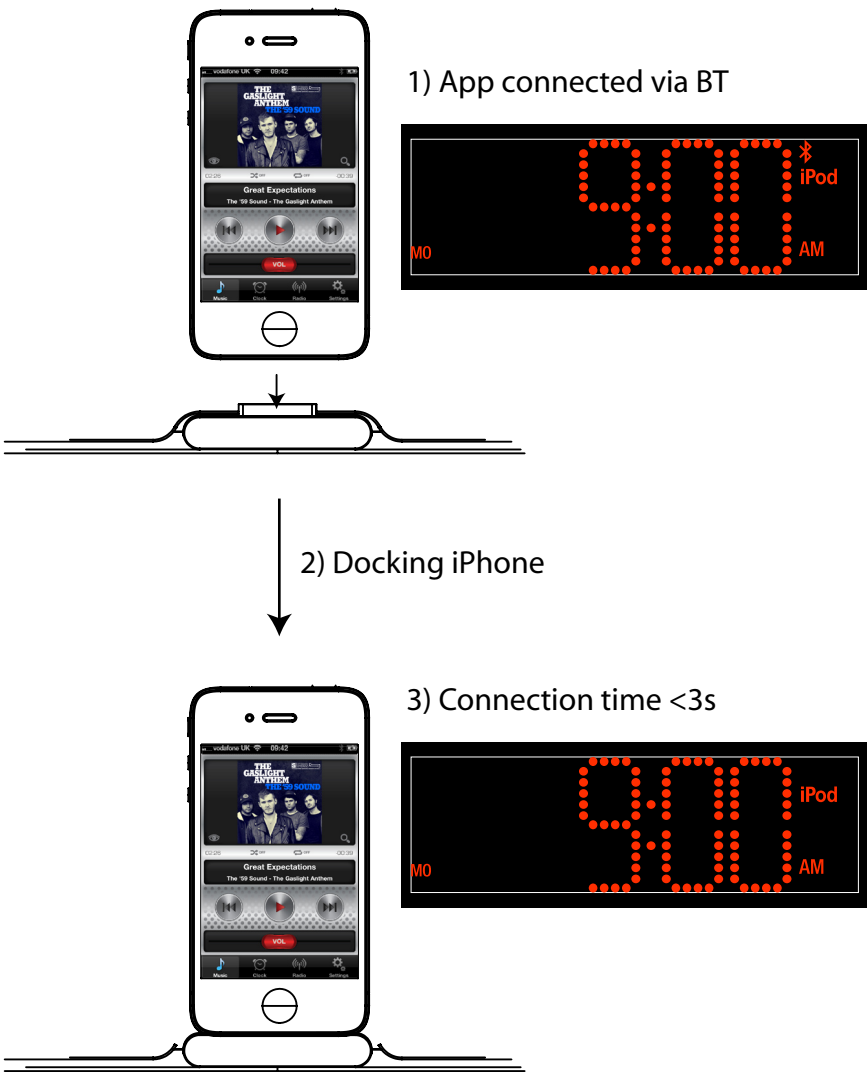
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Speaker and App Interaction

Music Player interface:

Buttons required for speaker interaction:

- Play/Pause
- Track Skips
- Volume
- Menu Tabs (Modes)
- Power button (Turning speaker on/off) TBC
- EQ panel:
      5 Presets
      EQ Settings
      Bass button
      Hi Frequency Button

EQ tab:
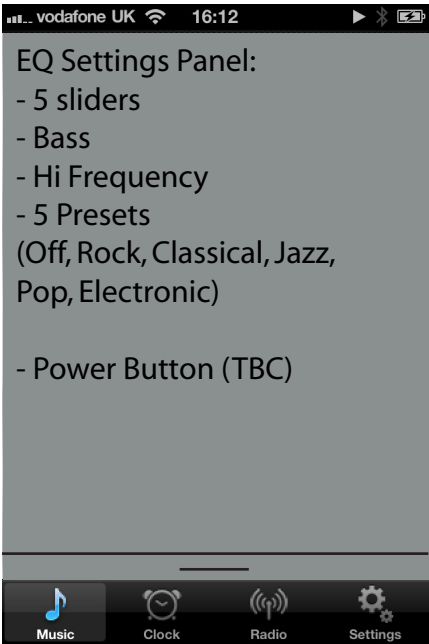
App only buttons (No interaction with speaker):

- Visualiser
- Search Menu
- Loop and shuffle

Clock Interface:

Buttons required for speaker interaction:

Gesture Brightness levels
- Power Button (Turning speaker on/off) TBC
- Alarm Set
- Menu Tabs (Modes)

Gesture Control and Alarm Panel:
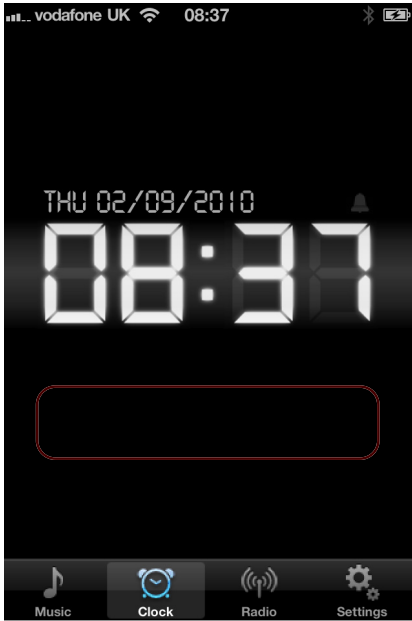
Tap active area to bring up Alarms panel
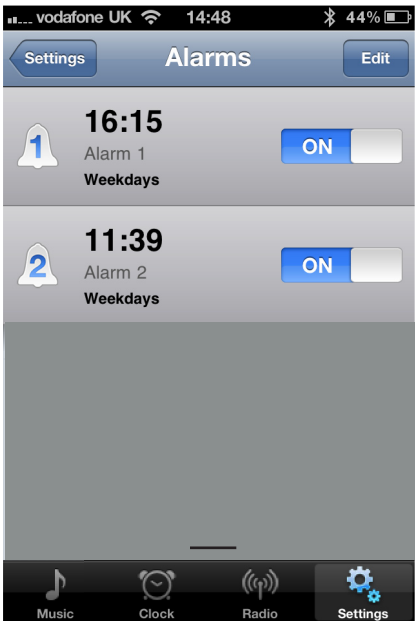
Gesture Control
Up and down: Gradual change in brightness
Double tap: Min brightness / Max brightness
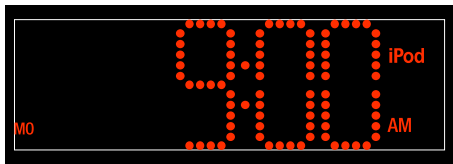
Brightness level is mirrored in LED display (Levels 1-7)

(Alarms Sync to speaker)
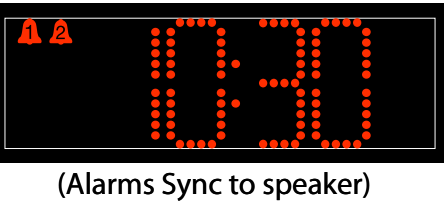
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Speaker and App Interaction

FM Interface:

Buttons required for speaker interaction:

- Frequency bar
- Preset Stations
- Tune
- Volume
- Menu Tabs (Modes)
- Power button (Turning speaker on/off) TBC
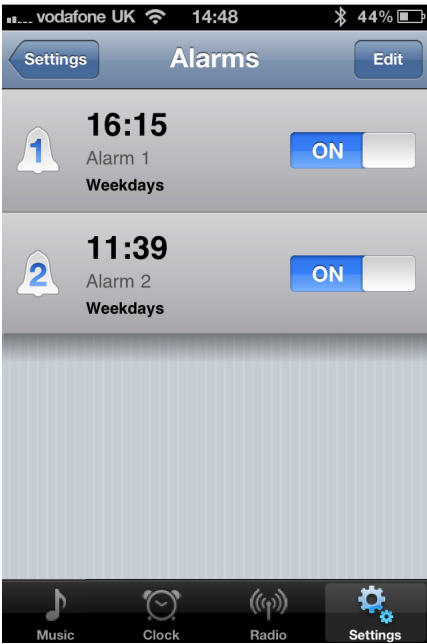
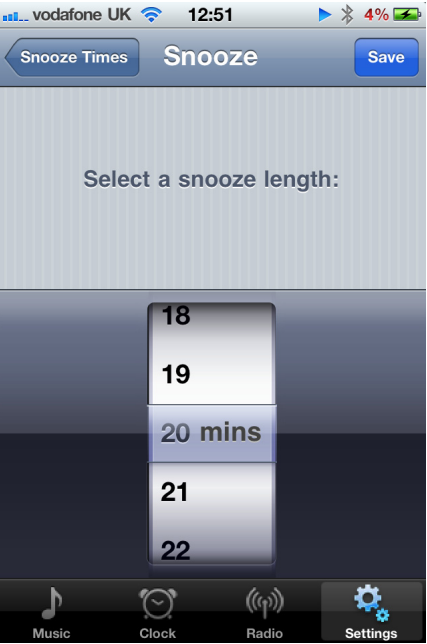App only buttons (No interaction with speaker):
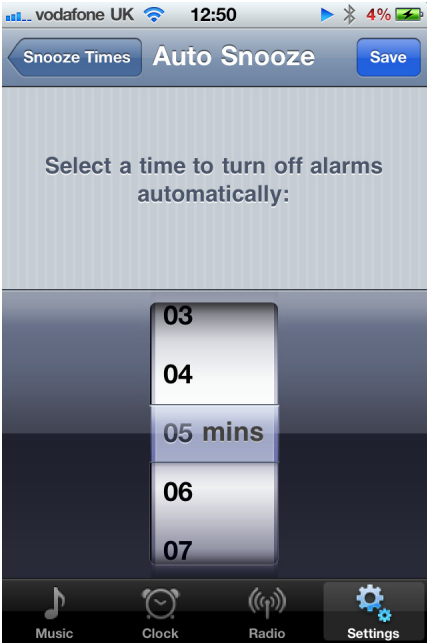
- Edit

Settings Page

Alarms:
Able to set and sync speaker alarms to speaker
Pressing 'Alarm' on Speaker will bring up this app page
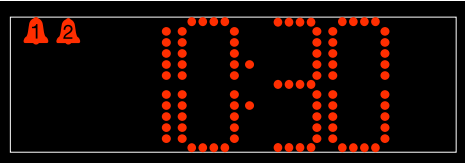
(Alarms Sync to speaker)

Snooze
Control Auto Snooze and Duration of Snooze of Alarms

During alarm ring, pressing SNOOZE button on speaker will follow the snooze length defined within app.
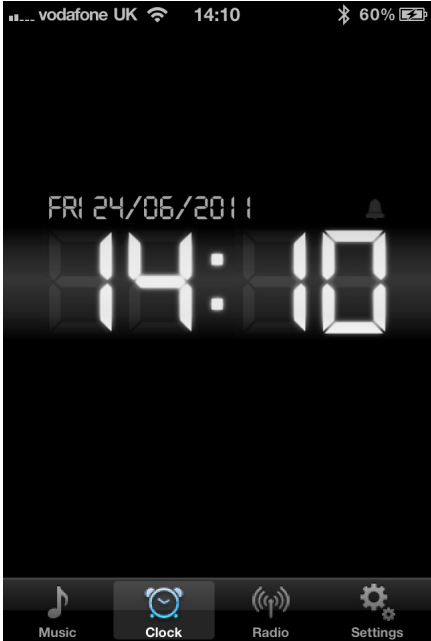
AlarmDock Prem UI V1.9
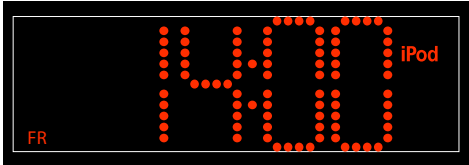
Speaker and App Interaction

Clock
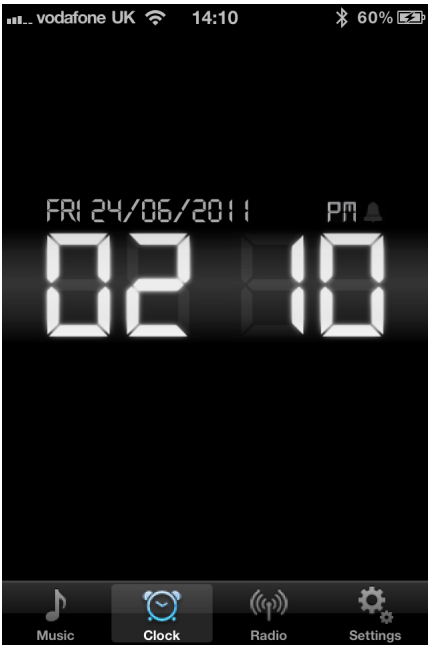Able to change 12/24hr mode

1) 24-hour clock: ON

1) Time in clock displays changes to 24 hour
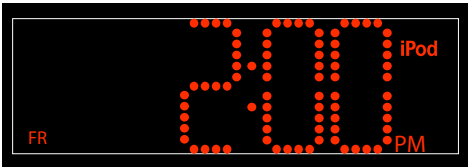

3) Time on display will also switch to 24 hour clock

1) 24-hour clock: OFF

1) Time in clock displays changes to12 hour

3) Time on display will also be 12 hour

Bluetooth Settings
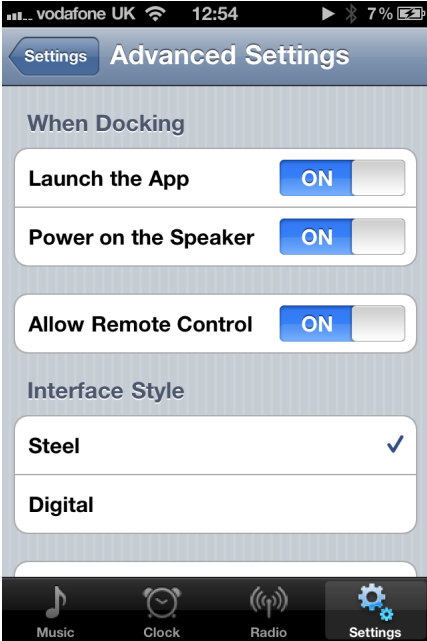Control duration of BT connection between phone and speaker after speaker enters standby mode

AlarmDock Prem UI V1.9

Speaker and App Interaction

Advanced Settings
Enabling/Disabling Auto Launch and Auto ON

Alarms Interaction between app and speaker (Docked and via BT)

Syncing speaker alarms

Power Button Pressed

Speaker enters Standby Mode
App shows splash screen

Turn on your speaker
Or
Turn your BT on via iPhone settings

8s before alarm time

Speaker turns on
App switches to music player mode (Paused state)

Alarm Time

Speaker rings - Respective alarm icon flashes
App: Snooze/Off App screen appears

App and Speaker remains on up to the Alarm time

BUZZ
SNZ

SNOOZE

OFF