TINY AUDIO C5

IN-CAR DAB/DAB+ RADIO WITH SERVICE FOLLOWING
& BLUETOOTH HANDSFREE ADAPTOR
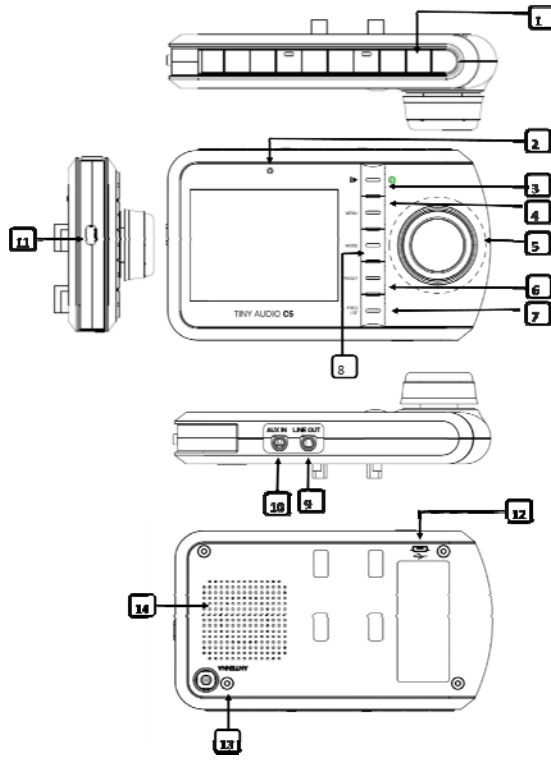

Side 1

Please read carefully before using this product

Safety Instructions:

1. Do not use this radio near water.

2. Clean with dry cloth.

3. Do not block any ventilation openings.

4. Do not use near heat objects.

5. Use only accessories provided by manufacturer.

6. Do not expose this radio to rain or moisture.

7. Do not allow this unit to become exposed to water, steam, sand or other environmental hazards.

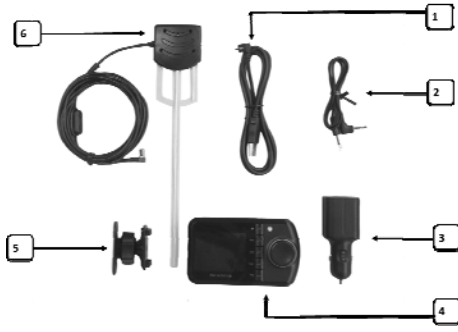8. Do not leave your radio where excessive heat could cause damage.

Control Unit and Connectors

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Controls:
1. Preset Buttons 1-10
2. Microphone
3. Phone/Play/Pause Button
4. Menu Button
5. Rotary Encoder and Confirmation Button
6. Preset Button
7. FM Frequency/ Service Following Button
8. Mode Button
9. Line Out Jack
10. Aux In Jack
11. Power Switch
12. Power Supply Micro USB Socket
13. DAB/DAB+ Antenna Jack
14. Hands Free Speaker

Main Unit and Accessories:
1. Micro USB Power Cable
2. 3.5mm Audio Cable
3. Dual USB charger for 12/24V
4. Main unit, DAB receiver
5. Dash/window mounting bracket
6. DAB/DAB+ active antenna for main unit

Note: All accessories are designed to work specifically with Tiny Audio C5. Please do not use third party cables as these may not work and cause warranty invalidation.

Operating your In-Car DAB/DAB+ Digital Radio Adaptor:

1. Mount the TINY AUDIO C5 In-Car DAB+ Radio adaptor to the dashboard using the provided adhesive holder.

2. Connect one end of the USB power supply cable to Micro USB power socket at the back of TINY AUDIO C5 and the other end to dual USB car charger. Plug the dual USB car charger to the car cigar-lighter socket.

3. Connect the antenna to the antenna jack. ATTENTION! Proper antenna installation is very important for a good reception result. See tips page 15.

4. Turn on the power with the "POWER SWITCH" and the display will show "Tiny Audio" logo, then the device will automatically scan all the local DAB/DAB+ channels and store them in the memory of the device until another "Auto Scan" is performed. During scanning, a scan moving bar will be shown in the display to indicate the progress and the total number of channels received.

5. Once the scan is completed, you can select any DAB/DAB+ radio channel with the "ROTARY ENCODER".

Connecting the Tiny Audio C5 to your car stereo using an audio (line-out) cable

1. Press and hold "MENU" button to enter menu mode, use "ROTARY ENCODER" to search for "Audio Out" and confirm by pressing "ROTARY ENCODER". Use "ROTARY ENCODER" to select "Line-OUT" and confirm by pressing "ROTARY ENCODER" and exit menu. A headphone icon "🎧" will be displayed at the top of the blue bar.

Side 6

2. Connect your car audio stereo speaker "Aux-in" or "Line-in" to the "LINE OUT" jack at the bottom of TINY AUDIO C5 with the provided 3.5mm audio cable.

Remark: In "Line Out" mode, there will be no FM transmission to the car stereo.

Connecting the Tiny Audio C5 to your car stereo using FM-transmission

--Select FM Transmitting Frequency (Auto Mode):

1. Press and hold "MENU" button to enter menu mode, use "ROTARY ENCODER" to search for "Audio Out" and "FM Transmitter Out" and confirm by pressing "ROTARY ENCODER" again to exit menu.

2. Short press "FREQ/SF" button to show FM transmitting frequency (TX FREQ) and then long press for 3 seconds to activate the automatic scanning of a "vacant" FM transmission frequency without interference with other channels. The scanning process will take 20-30 seconds to scan the frequency automatically with a flashing display of "---.-MHZ" and stop at a "vacant" frequency.

3. After a "vacant" frequency is found, press "ROTARY ENCODER" button again to confirm and exit setting or it will automatically confirm and exit the setting after 3 seconds. The selected "vacant" frequency (TX FREQ) will be shown at the top of the blue bar, e.g. TX108.0MHz

4. Then tune your car FM radio system to match the selected "vacant" frequency (TX FREQ) for transmission of the audio signal from TINY AUDIO C5 to your car stereo audio system.

--Select FM Transmitting Frequency (Manual Mode):

1. Short press "FREQ/SF" button to enter FM transmitting frequency selection mode,

2. Then use "ROTARY ENCODER" to select your favorite vacant frequency (based on your past experience with known vacant frequencies in your area) which you would like to receive by your car radio.

3. Once it is selected, press "ROTARY ENCODER" to confirm and exit or the screen will go back to DAB+ mode automatically after 3 seconds and the selected frequency will be shown at the top of the blue bar, e.g. TX108.0MHz.

Remarks:
"Vacant frequency" means there is no FM radio broadcasting content or noise when the frequency is selected.

Search and select DAB/DAB+ channels:

1. Press the "MODE" button until "DAB+ Radio" mode is found

2. Use "ROTARY ENCODER" to select the desired DAB/DAB+ channel

3. Or in "DAB+ Mode", short press "MENU" button to enter Preview Mode, use "ROTARY ENCODER" to scroll up or down to select the desired DAB+ channel and press "ROTARY ENCODER" button again to select.

4. You may also press and hold the "MENU" button to enter menu and select "DAB Autoscan" by using "ROTARY ENCODER" to re-activate the "Auto Scan" process if you need to update the DAB+ radio channels.

Remark: For normal use, you don't have to perform the " DAB Autoscan" every time you use the car DAB+ radio unless there are newly added DAB+

channels, then you may need to perform the "DAB Autoscan" again. The scanning operation is similar to your home TV set.

Service Information: DAB+ mode

The Service Information display -The Service Information data will be displayed with scrolling text which is being broadcasted from the station. While listening to DAB+, the display will show the followings if applicable

1. Channel Name
2. Frequency
3. Multiplex Name（DLS）
4. DAB+ icon
5. Number of Channel Scan and Stored
6. Signal Strength
7. FM Transmitting Frequency
8. Bluetooth Connection Status
9. Audio Out status Indicator
10. Service Following On status

Service Following ON/OFF Control:

1. Press the "MODE" button until you scroll the screen to "DAB" mode

2. In "DAB" mode, press and hold "FREQ/SF" button to turn ON the service following function. An "ON" will be displayed on the LCD screen and a "S/F" icon will appear at the top of the display. Repeat the same procedure to turn OFF the service following function and an "OFF" will be displayed In the LCD screen. "S/F" icon will also disappear from the LCD screen.

Manage the Preset Stations:

Storing the Preset Stations:

To program and store your favorite DAB+ preset stations using the numeric buttons (1-10) on the top of the device:

1. In DAB mode, use the "ROTARY ENCODER' to select a favorite DAB+ station,
2. Press and hold any of the selected numeric buttons (1-10) to store your first favorite preset DAB+ stations. Repeat the same procedure for other favorite DAB+ stations and numeric buttons.

You may program and store more than 10 favorite DAB+ preset stations by using the following procedure:

1. To select a favorite DAB+ station using "ROTRAY ENCODER",

2. Press and hold "PRESET" button for 3 seconds to enter "MEMORY" mode

3. Use "ROTARY ENCODER" to scroll up or down to select a number in memory to store your favorite station,

4. Press "ROTARY ENCODER" to confirm and exit "PRESET" mode. A message "Stored Successfully" will be displayed.

Recalling the Preset Stations:

To recall your favorite DAB+ preset stations,

1. In DAB mode, short press any numeric buttons (1-10) on the top of the device to recall your favorite DAB+ preset station

2. Or short press "PRESET" button to enter preset preview mode to show all the preset DAB+ stations and use "ROTRAY ENCODER" to scroll up or down to recall a Preset Station and confirm by pressing "ROTARY ENCODER".

Removal of Preset Stations:

To delete all of your favorite DAB+ preset stations, press and hold "MENU" button to enter menu mode, use "ROTARY ENCODER" to search for "Delete All Presets" and select "YES" or "NO' by pressing "ROTARY ENCODER" to confirm. If "YES" is selected, then all the memory of presets will be cleared.

Manage the Bluetooth devices:

Pairing a Phone:
Paring a phone with TINY AUDIO C5 for the first time, follow the below procedures:
1.   Press the "MODE" button until you scroll the screen to "Bluetooth" mode

2.   In "Bluetooth" mode, press and hold "FREQ/SF" button to activate the TINY AUDIO C5 device into pairing mode, a message of "Pairing in progress" will be shown,

3.   From your phone, turn on Bluetooth and search for Bluetooth peripherals, a list of available Bluetooth peripherals will be displayed,

4.   Select "CAR DAB" in the list and once connection is established, the Bluetooth screen will display "Connected" and a Bluetooth icon will be shown at the top of blue bar.

5.   In "Paring in progress" mode, if you want to stop connecting, you can always short press "PLAY/PAUSE" button to stop searching and return to non-connected mode.

Remark: during the process of re-connecting to last connected phone, it may take several seconds to one minute for re-connecting depending on model of phone. In the re-connecting process, the Bluetooth icon at the top of the blue bar will be flashing and the LCD will show "Not Connected"

6. You can disconnect an existing connected phone by pressing and hold "FREQ/SF" button to force the TINY AUDIO C5 into pairing mode to connect another new phone.

Remark: The flashing of Bluetooth icon indicates the Bluetooth is not connected and once it is connected, the icon will stop flashing.

Manage Phone Call:

1. When there is an incoming call, the TINY AUDIO C5 rings with a ringtone, short press "PLAY/PAUSE" button to answer a call and at the same time the speaker phone volume and talk time will be displayed at the bottom of the screen, you may use "ROTARY ENCODER" to adjust the volume level,

2. If you don't want to pick up the call, press and hold "PLAY/PAUSE" button to decline a call

3. To end a call, short press "PLAY/PAUSE" button.

Selecting Bluetooth Phone Voice to your Car Stereo through FM transmitter or Built-in Speaker:

1. Press and hold "MENU" button to enter menu,

2. Use "ROTARY ENCODER" to scroll down the menu to select "Hands Free Speaker" and press "ROTARY ENCODER" to confirm,

3.   In "HANDS FREE SPEAKER" menu, use "ROTARY ENCODER" to select "Built-in Speaker" or "Car Speaker" and confirm by pressing "ROTARY ENCODER" again.

4.   Use "ROTARY ENCODER" to adjust the voice volume to your desired level when it is in "Built-in Speaker" mode.

5.   When it is in "Car Speaker" mode, the voice volume can only be adjusted by car stereo volume control button. A "Car Speaker" will be displayed at the bottom of the LCD.

Remark:
1.   The Built-in speaker only works for phone voice when it is connected via Bluetooth.

2.   When the "Car Speaker" is selected, the phone voice can be fed into car stereo by either using Line Out or FM transmitter.

Manage Bluetooth Music Playback to your Car Stereo through FM transmitter:

1.   In Bluetooth mode with phone connected, playback music files from Bluetooth enable phones, select the music file from your phone and playback via Bluetooth (Refer to your phone user guide for more information),

2.   In the "Audio Out" menu, make sure you have selected "FM Transmitter Out" mode

3.   Press "FREQ/SF" button to enter FM transmitting frequency selection mode,

4.   Then use "ROTARY ENCODER" to select your favorite vacant frequency

5.   Press "PLAY/PAUSE" button to play or pause the music playback

6. Use the "ROTARY ENCODER" to select next or previous songs.

Remark:

1. Once your phone is paired to the TINY AUDIO C5, the connection between both devices will be automatically re-established each time you enter your vehicle if the TINY AUDIO C5 is powered on. TINY AUDIO C5 automatically connects itself to the last phone you used with it. If you want to connect TINY AUDIO C5 to another phone you already paired but not the last one, you have to first disconnect the last phone by selecting "Forget this Device" in your Phone Bluetooth setting. Then press and hold the "FREQ/SF" button to enter pairing mode again.

2. You may pair up to eight Bluetooth devices with TINY AUDIO C5,

3. If you want to connect TINY AUDIO C5 to another phone while the first phone is still in connection, you may force the first phone to disconnect by press and hold "FREQ/SF" button to enter pairing mode again and a flashing Bluetooth icon will appear at the top of the display. Then you may pair to a new phone. This operation only works when the new phone has not been paired with TINY AUDIO C5 before.

Bluetooth ON/OFF Control:

1. Press the "MODE" button until you scroll the screen to "Bluetooth" mode

2. In "Bluetooth" mode and under no incoming call, press and hold "PLAY/PAUSE" button to turn ON the Bluetooth function. An "ON" will be displayed on the LCD screen and a Bluetooth icon will appear at the top of the display. Repeat the same procedure to turn OFF the Bluetooth function and an "OFF" will be displayed on

the LCD screen. Bluetooth icon will also disappear from the LCD screen.

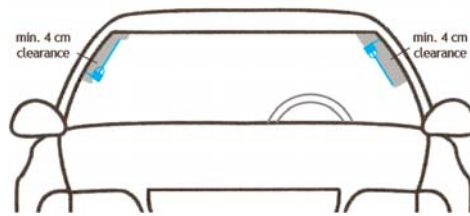**Selection of Screen Background and Font color:**

The color of screen background and font can be set to four different combinations to match with your overall car dashboard color:

1. black background/white font
2. black background/blue font
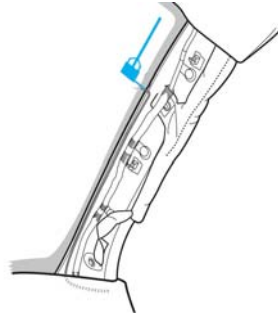3. black background/orange font
4. colour

To set the color, follow the procedure below:

1. Press and hold "MENU" button for 3 seconds to enter "Colour Setting" menu mode

2. Use "ROTARY ENCODER" to scroll and select your favorite color by pressing "ROTATRY ENCODER" to confirm and exit the menu.

Connecting and Mounting DAB+ Antenna inside the car:

1. Stick the antenna film to the glass as indicate in the diagram, gently applying pressure to remove any air bubbles.

2. Remove the adhesive backing from the amplifier block and stick to the window glass. **Remove the adhesive backing from the earth sheet on the amplifier block and stick this to the metal of the A pillar. (Cobber colored tape)**

3. The antenna should be mounted vertically, not horizontally

4. Do not attach the DAB antenna over heating wires, in a place that obstruct the driver's view, or in a place that can experience interference from metal.

5. **Check for metallic heat coating (sunfilter) on your car's front vindow if you are having issues with DAB connectivity.**

6. Can also be mounted to the rear side windows.

Side 16

Connecting Aux-IN:

The TINY AUDIO C5 features a 3.5mm Aux-IN jack at the bottom of the device. External analog audio sources from iPad/iPhone/iPod/Tablet/Android phone or MP3 players etc. can be fed wirelessly through FM transmission into your car stereo audio system.

To connect an external music player:

Press "MODE" button until you see "AUX IN" mode. Connect an external audio source such as iPad2/iPhone/iPod or MP3 player etc. into "AUX IN" jack at the bottom of TINY AUDIO C5 with the provided 3.5mm audio cable.

Charging iPad/iPhone/iPod/mobile phones/tablets/camera:

1. Using your mobile phone USB cable and plug the USB connector into the dual USB car charger with 12V socket,

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2. Connect the other end of the cable to your device and start charging. (Charging Power Output: 5V, 1A, the current is big enough for iPad charging)

LCD display Dimmer Control:

When drive at night, you may control the brightness level of the color LCD display by press and hold the "MODE" button to dim the display. Press and hold the "MODE" button again to return to normal brightness level.

Button Light Control:

1. Press and hold "MENU" button to enter menu

2. Use "ROTARY ENCODER" to scroll up or down to select "Button Light" and confirm by pressing "ROTARY ENCODER" again

3. Use "ROTARY ENCODER" to select "ON" or "OFF" for button light and confirmed by pressing "ROTARY ENCODER" again.

Select Language:

1. Press and hold "MENU" button to enter menu

2. Use "ROTARY ENCODER" to scroll up or down to select "Language" and confirm by pressing "ROTARY ENCODER" again

3. Use 'ROTARY ENCODER" to select your desired language and confirmed by pressing "ROTARY ENCODER" again.

Restore factory setting:

4. Press and hold "MENU" button to enter menu

5. Use "ROTARY ENCODER" to scroll up or down to select "Factory Reset" and confirm by pressing "ROTARY ENCODER" again

6. Use "ROTARY ENCODER" to select "YES" or "NO" for the reset and confirmed by pressing "ROTARY ENCODER".

Checking the Software Version of the device:

1. Press and hold "MENU" button to enter menu

2. Use "ROTRAY ENCODER" to scroll up or down to select "Software Version" and confirm by pressing "ROTARY ENCODER" to see the current software version of the device.

3. Press "ROTARY ENCODER" to exit menu.

Product Specification:

1. Product Model: TINY AUDIO C5
2. Radio format support: DAB/DAB+, FM Transmitter and DAB to DAB Service following
3. DAB+ frequency: Band III (174.00 –240.00MHz)
4. FM transmission frequency: 87.5—108MHz
5. Bluetooth: Version 2.1
6. Speaker phone output: 1.0W, 8Ω
7. Audio Line-Out : 3.5mm stereo jack
8. Power Output : 5V, 1A (charging for iPad2/iPhone/iPod/Android Phone etc.)
9. Power Source: Car Cigar-lighter Socket (10V- 30V)
10. Dimension: 110 x 65 x 32 mm
11. Net weight: 335g (approx.)

*Information of this user manual is subject to change without prior notice.

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