

Altronic Distributors warrants this product for one year from date of purchase from Altronics or its resellers to the consumer. If this item is part of an installation or another product, please contact the installer or supplier for your warranty.

During the warranty period, we undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault. The warranty excludes damage by misuse or incorrect installation (i.e. failure to install and operate device according to specifications in the supplied instruction manual), neglect, shipping accident, or no fault found, nor by use in a way or manner not intended by the supplier. For speakers, misuse includes burnt out voice coils.

For repair or service please contact your PLACE OF PURCHASE.

If this item was purchased directly from Altronics please make a warranty claim by:

### 1. FOR MAIL ORDER CUSTOMERS (includes school and trade orders),

- a) Ringing us on 1300 797 007 and quoting your tax invoice number.
- b) Upon contacting Altronics, we will issue an R.A. (Return Authorisation). As Altronics have a number of service agents throughout Australia, a copy of the R.A. will be emailed, faxed or mailed to you with full instructions of how and where to send the goods. The freight for shipping goods back to Altronics for all repairs is at the customer's expense.
- c) A copy of the R.A. form, (or at the very minimum, the R.A. number) must accompany the goods to effect the repair.
- d) Altronics will pay the return freight to the customer where the warranty claim has been accepted.
- e) Please quote the R.A. number in any correspondence to us.

### 2. FOR OVER THE COUNTER PURCHASES; to make a warranty claim, please return the goods to us in any of our stores, with a copy of your proof of purchase (tax invoice).

- a) Upon leaving the goods at one of our stores, an R.A. number will be issued to you.
  - b) Once repaired, you will be contacted, advising that the goods are ready to be collected from the store.
- It is at Altronics discretion as to whether the goods will be repaired or replaced (whilst under warranty); and as to whether identical goods will be used to replace the item due to changes of models / products.

**Note: Under no circumstances should you attempt to repair the device yourself or via a non-authorized Altronics service centre, as this will invalidate the warranty!**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Distributed by Altronic Distributors Pty. Ltd.  
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## Operating Instructions

Covers the following:

- C 7202C .....Portable PA System
- C 7317C .....Wireless UHF Receiver 520MHz Module
- C 7203C .....UHF Audiolink Transmitter 520MHz Module
- C 7191 .....DVD Player Module



- Optional PA accessories:
- C 7196A: Beltpack charging pod
  - C 7197A: Lapel microphone to suit beltpack transmitter
  - C 7198A: Headset microphone to suit beltpack transmitter
  - C 7188: Bluetooth module
  - S 5078: Replacement battery 2.9Ah.

Manufactured for Altronic Distributors Pty Ltd.

## Features

- 120W power output (max).
- Two-way speaker – 8” woofer and 1” tweeter – deliver great sound projection.
- Supports max two UHF Duo receiver modules C 7317C that allows 4 wireless microphones to operate concurrently.
- Integrated Bluetooth function for audio streaming from smartphone and tablet.
- Optional audio player modules; C7191 DVD and USB/SD Card Player for – MP3, CD, DVD, pitch control etc.
- Voice priority allows a reduced music volume when a microphone is used.
- 4-segment battery meter for charging and power status reading.
- Two power models – AC or Battery powered.
- Runs 4-6 hours on a charge (built-in battery charger).
- Retractable handle and PU wheels allows users to move without difficulty.

## IMPORTANT

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.

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

### FCC INFORMATION

The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

The 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 instruction, may cause harmful interference to radio communication.

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.

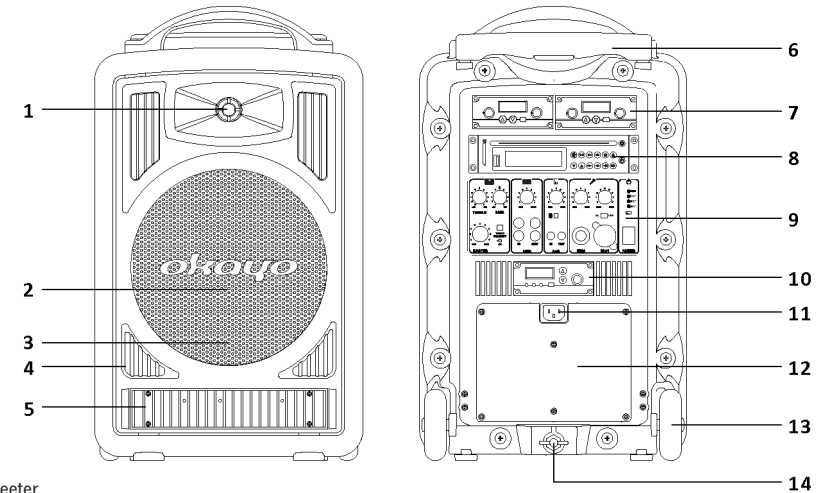
-- Consult the dealer or an experienced radio/TV technician for help.

**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's authority to operate the device.

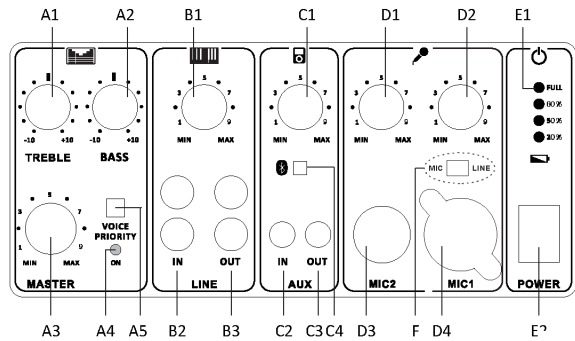
### Consumer Alert

Most users do not need a license to operate this wireless microphone system. Nevertheless, operating this microphone system without a license is subject to certain restrictions: The system may not cause harmful interference; it must operate at a low power level (not in excess of 50 milliwatts); and it has no protection from interference received from any other device. Purchasers should also be aware that the FCC is currently evaluating use of wireless microphone systems, and these rules are subject to change. For more information, call the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit the FCC's wireless microphone Web site at <http://www.fcc.gov/cgb/wirelessmicrophones>.

## Features



1. Horn Tweeter
2. Speaker Grill /Full Range Speaker
3. Bluetooth Indicator
4. Speaker Holes
5. Ventilator
6. Trolley Handle
7. Wireless UHF Receiver Module (C 7317C Optional 2nd, UHF Duo Receiver Module)
8. DVD Player (C 7191 Optional)
9. Master Control Panel (C 7202C)
10. UHF Audiolink Transmitter Module (C 7203C Optional)
11. AC Power Input
12. Battery Cover
13. PU Wheels
14. Tripod Hole



**MASTER**

**A1/A2. Treble/Bass**

Adjust the volume of all mixed audio inputs. Original audio when knob is set on the middle.

**A3. Master**

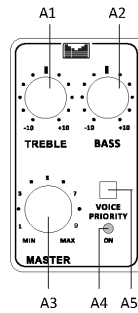
Adjust the volume of all mixed audio inputs.

**A4. Voice priority indicator**

Reduce music level when MIC is in use. 'ducking' function.

**A5. Voice priority**

After button pressed, LED flashes, voice over music priority function is on.



**AUX**

**C1. AUX IN/Bluetooth volume**

**C2. AUX input (3.5mm)**

**C3. AUX output (3.5mm)**

**C4. Bluetooth button**

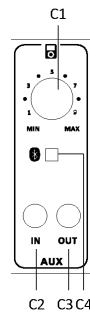
- Press and hold for 2 seconds to switch Bluetooth on/off. You will hear a tone to indicate the bluetooth status is on.

- When Bluetooth activated, the indicator will flash blue and is ready for pairing.

- Search for the Bluetooth device on your tablet when under pairing mode. Select a device named 'Portable PA' from the pairing list and connect your device to the PA system.

- Another tone will sound when paired and steady light will show on the Bluetooth button. You can now stream audio via Bluetooth, from your paired device.

- When a user moves out of range for the Bluetooth the audio stream will be severed until the user returns to a location within.

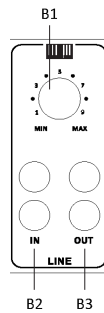


**LINE**

**B1. Line input volume**

**B2. Line input (RCA)**

**B3. Line output**



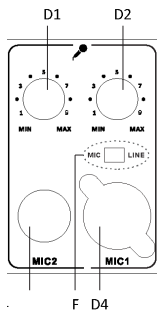
**MICS**

**D1. MIC 2 volume**

**D2. MIC 1 volume**

**D3. MIC 2 input 6.3mm**

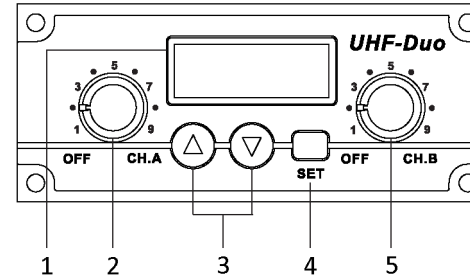
**D4. MIC 1 input 6.3 mm or XLR Balanced**



**POWER**

**E1. Battery indicator**

**E2. Power switch**



1. LCD Window  
(Display Channel Number /Reception Strength)
2. Channel A- Power Switch and Volume Control
3. Up / Down Frequency Selector
4. Frequency Set Key
5. Channel B - Power Switch and Volume Control

**Operation and Setting**

**Switch on/Switch off**

1. Turn "Channel A / B" knob (2) / (5) clockwise until a click occurs, then LCD window will be on and a text of "On" will appear on LCD window. After 1 ~ 2 seconds, the LCD window will show a channel number and signal strength, it means the receiver module switched-on successfully.

2. Vice versa, turn "Channel A / B" knob (2) / (5) counterclockwise until a click occurs, then LCD window will show a text of "OFF" for about 2 ~ 3 seconds. LCD window will be off after this procedure, switched-off successfully.

**Setting and Selection of Channels**

Press and hold "SET" key (4) to enter the mode of selecting the channels

1. While both Channel A and Channel B are available, the channel number of Channel A shown on LCD window starts to blink. Press "Up" or "Down" Frequency Selector keys (3) to look for your preferred channel number. Press "SET" key (4) again to confirm the channel setting.

2. While only Channel A or Channel B is available, switch the channel number of Channel A or Channel B directly. If you don't press any key for more than 10 seconds, it will leave the channel-switching mode with channel number kept.

4. Channel A and Channel B cannot be set with the same channel number. Each must operate on a separate channel frequency.

**Searching for Available Channels**

1. Press both "Up" and "Down" Frequency Selector keys (3) simultaneously for more than 1 second, and then LCD window will show a text of **SCAN** without blinking. Channel A and Channel B will be switched to available channels automatically. If there is no any channel available, the channel numbers will remain unchanged.



2. Press "Up" Frequency Selector key (3) for more than 1 second, and then LCD window will show, **SCAN**. Channel A would be switched to available channel automatically. If there is no channel available, the channel value would be kept the same.

3. Press "Down" Frequency Selector key (3) for more than 1 second, and then LCD window will show, **SCAN**. Channel B would be switched to available channel automatically. If there is no channel B available, the channel value would be kept the same.

**4. Using two C 7317C wireless receiver modules simultaneously:**

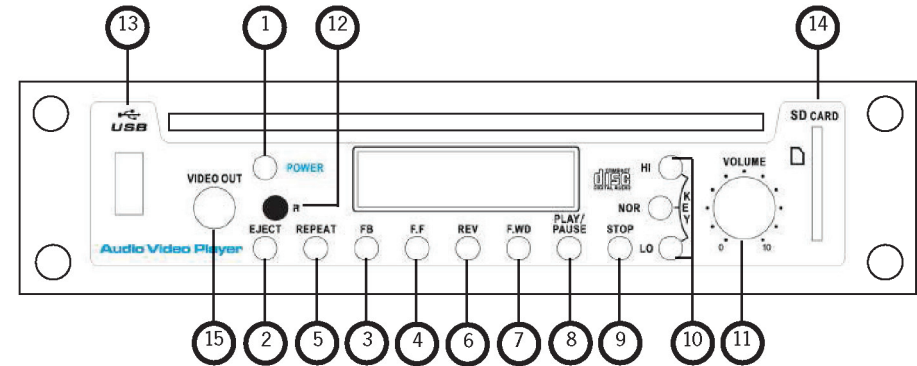
- Press “Up” and “Down” Frequency Selector keys (3) simultaneously on C 7317C module 1 for more than 1 second, you could find two available channels.
- Switch on two Transmitters used for Wireless Receiver Module 1 and adjust the channel number accordingly.
- Press “Up” Frequency Selector key (3) on Wireless Receiver Module 2 for more than 1 second, you could find available channel for Channel A.
- Switch on the third Transmitter used for Wireless Receiver Module 2 and adjust the channel number accordingly.
- Press “Down” Frequency Selector key (3) on Wireless Receiver Module 2 for more than 1 second, you could find available channel for Channel B.
- Switch on the fourth Transmitter. Finalize the process of four channels used simultaneously.
- Up to four mics can be used simultaneously.

**Setting of Group Number and SQ Value**

1. Press “Set” key (4) and then switch on Channel A or Channel B to enter Group set, and then LCD window would show  (number will keep blinking).
2. Press “Up” or “Down” Frequency Selector keys (3) to look for your preferred group number.
3. Press “SET” key (4) to confirm the group setting or wait for 5 seconds to confirm it automatically and then enter setting mode of SQ value.
4. Under setting mode of SQ value, LCD window will show  (number will keep blinking).
5. Press “Up” or “Down” Frequency Selector keys (3) to choose SQ value, the value will not be set in circulation.
6. Press “SET” key (4) again to confirm the group setting or wait for 5 seconds to confirm it automatically and then back to normal switching-on mode.

**CAUTION**

- Please keep the distance between the Transmitter and the Receiver more than 2 M.
- Please keep the distance between each transmitters more than 0.5M.



**FIGURE 1. IDENTIFICATION OF FRONT PANEL CONTROLS**

1. POWER: Press button to switch the power on. Press and hold button to switch off the power off.
2. EJECT: Press to eject the disc – CD or DVD.
3. FB: Fast Backward through a track while it is playing. Then press PLAY / PAUSE to resume normal playback.
4. FF: Fast Forward through a track while it is playing. Then press PLAY / PAUSE to resume normal playback.
5. REPEAT: Press once to repeat 1 song, press again to repeat all, and press a third time to cancel the function.
6. REV: Press to skip back to the previous track number.
7. F.WD: Press to skip forward to the next track number.
8. PLAY / PAUSE: Press once to play, press again to pause playback.
9. STOP: Press to stop playing (see below for more detail).
10. KEY: Pitch adjustment – LO = reduce pitch, NOR = return to normal pitch, HI = increase pitch.
11. VOLUME CONTROL: Turn knob to increase or decrease audio volume.
12. Infrared window: Receives signal from the remote controller.
13. USB Connector: Insert the USB Flash Drive to play tracks stored on it.
14. SD CARD: Slot accepts SD card and SDHC card up to 16GB.
15. VIDEO OUT: Composite video RCA socket output.

1. MUTE: Press to turn the audio volume off or on.
2. SUBTITLE: Press this button to select and display the subtitles in DVD or VCD where available.
3. AUDIO: Stereo, Left-Mono, Right-Mono, Mix-Mono settings 4 for audio output.
4. 0-9 NUMBERS: These keys are used to input time, track, and chapter numbers.
5. EJECT: Press to stop playing and eject the disc from the player. This function will also stop playback from SD card or USB & return to DISC mode.
6. PROG: Press to activate the On-Screen-Display (OSD) menu from which to choose tracks to play in a set order. (see program operation - page 7)
7. RANDOM: A random selection is played from available tracks. RANDOM can also work in conjunction with REPEAT (i.e. you can repeat a playlist in a different random order, over and over again). RANDOM will appear on screen briefly when pressed.
8. REPEAT: Repeat mode. Not available in VCD mode. See repeat operation, page 8.
9. PLAY / PAUSE: When playing a song, press once to pause and press again to resume playback. 'PLAY' or 'PAUSE' will appear on the TV screen briefly when pressed.

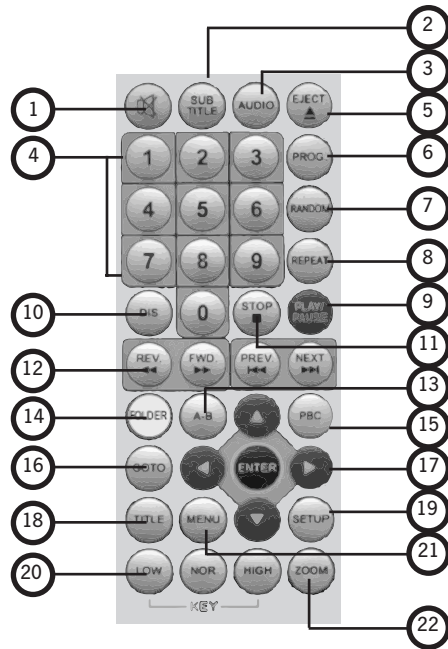


FIGURE 4. REMOTE CONTROL

10. DIS: Displays a bar on the top of the screen showing the status of the track playing – source input, track number, mute on/off, repeat setting, time counter. Press once to display the track playback time elapsed (T). Press again to display the time remaining for that track (C). Press again to display the playback time elapsed for the entire CD (if playing a CD). Press a fourth time to display the time remaining on the CD. Press a fifth time to cancel the DIS function.

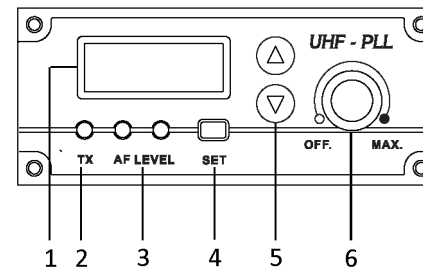
**NOTE: A USB or SD Card is given the status source name of 'CD ROM' on screen, DIS function will cycle through two stages in this mode.**

11. STOP: Press the button to stop playback. See full description of STOP function on page 8.
12. TRANSPORT CONTROL BUTTONS: REV/FWD: Press once to activate fast rewind/forward at 2x speed. Press again to activate increase speed – 4x, 8x, 20x. Then press PLAY/PAUSE to resume playback at normal speed. PREV/NEXT: Skip to previous/next track or chapter.
13. A-B: This button sets the section playback memory function. While playing a track, press A-B once to set point A. Press A-B again to memorize point B point. The track will now play in a loop between those to marked points. 'A-B' will appear on TV screen when pressed. Press A-B again to cancel.
14. FOLDER: When playing tracks from a CD/USB/SD Card containing MP3s, press this button to select a folder on that media. This function will only work if there are folders other than the root directory on that media.
15. PBC: To choose whether to play the optional catalogue of VCD. When PBC is OFF, the REPEAT function will operate.
16. GOTO: Press to activate the track status bar (same as pressing DIS button). Using the cursor controls to move along the bar, set the track number and the starting time in the track at which point you wish to commence playback. Then press ENTER to confirm, and the player will immediate skip to that point in the chosen track to start playing.
17. DVD MENU NAVIGATION CONTROLS: Allows up, down, left, right navigation of DVD menus, plus confirmation of selection via ENTER button.
18. TITLE: Only works with a DVD inserted in the player. Press this button to display the DVD title content or to play

from the first title on the disc.

19. SETUP: While not playing any media (i.e. in STOP condition), press this button and the screen will display the SETUP menu. Use the cursor controls to move between the different submenus and parameters, and use the numbers to enter data. Follow the prompts to exit or press SETUP button again. See SETUP MENU instructions below.
20. KEY: Use these buttons to adjust the pitch of the audio output - LO – reduce pitch by steps, HI – raise pitch by steps, NOR – returns pitch to normal.
21. MENU: Press this button to recall the main menu screen of a DVD. From here, use the cursor to select options for playback.
22. ZOOM: When playing a DVD or VCD, press this key to enlarge a picture in a cycle as follows: 2x → 3x → 4x → 1/2x → 1/3x → 1/4x → zoom off.

## UHF Audiolink Transmitter C 7203C



1. LCD Window
2. TX Indicator
3. AF Indicator
4. Frequency SET
5. UP/DOWN
6. Power/Volume Knob

### ON/OFF

Switch on the main power switch and turn the Volume knob, clockwise to power on the module. LCD Window and TX indicator lights on (2), LCD screen display channel number within 1-2 seconds. Turn the volume knob anticlockwise to switch the transmitter off. Window shows OFF within 2-3 seconds.

### Channel Selection

Press Frequency SET button enter into the selection mode. LCD Window will blink and shows channel. Press UP/DOWN button to choose desired channel or quit without setting in 10 seconds. To display current used channel, simply press UP/DOWN button.

## Trouble Shooting

### Failed to Power On

- Be sure batteries are allocated and put in correct direction.
- Be sure power cord is properly connected.

### No Sound Output

- Be sure transmitter and receiver are set to the at same channel.
- Be sure volume control on transmitter and receiver are turned up.
- Be sure Master volume is turned up.
- Be sure Mute button is not on. Check if there is any source of interference nearby.

## Important Maintenance Guideline

### • Avoid heat, humidity

DO NOT put the unit in the sunshine for a long time, or any other hot, humid environments or places near any flame. Store the unit in a cool dry place.

### • Charge BEFORE you start using for the first time

After unpacking the unit for the first time, please charge the unit for about 8 hours. This is absolutely necessary as the built-in rechargeable battery might have been discharged naturally due to long transportation and storage time, even though it has been fully charged in the factory prior to shipment. For maximum battery life please follow this important procedure.

### • Charge fully

Ensure battery is fully charged BEFORE you store the unit. To preserve a longer battery life and better performance, make sure you recharge the battery monthly.

When you need to use the unit again after a long period of storage, make sure you charge it fully for at least 8 hours BEFORE using any operations.

Please also charge this unit every time right after operation to secure a longer battery life.

- This unit has DOD (depth of discharge) protection design. When Power Switch LED flashes red it means there isn't enough battery power. This unit will turn off automatically in order to prevent deep-discharging damage. When battery power is low, please immediately recharge your unit. Do not continue with operation.

- This unit has protection circuit against overcharge. The circuit will stop charging when battery is fully charged, even when the power cord is plugged into the mains power socket.

Useful hint: You can still operate during charging.

### • Battery Replacement

We recommend Altronics S 5078 for optimum compatibility.



Remove screws



Take battery out



Get connection right –  
RED for Anode; BLACK  
for Cathode

## Specifications

### Portable PA System C 7202C

Output Power: .....80W (RMS)/120W (Max)  
Speaker:.....8" Woofer and 1" tweeter  
Audio Inputs: .....Combo/6.3Ø-Mic in,  
.....3.5Ø-Aux in, RCA-Line in, MIC/LINE Switch  
Audio Outputs: .....3.5Ø-Aux OUT, RCA-Line out  
Receiver modules: .....C 7317C  
Optional DVD Player: .....C 7191  
Bluetooth Receiver: .....Built-in  
Power Requirements: . 100-240 VAC switching power supply  
Battery: .....12V, 4.5Ah x 2 (sealed lead acid)  
Operating Life (fully charged): .....4-6hrs  
Charging Time: .....6-8hrs  
Dimensions:.....264 x 301 x 511mm  
Weight:.....16kg

### Wireless UHF Receiver Module C 7317C

LCD Window:.....Channel, Frequency, Reception Strength  
Channel Adjustment: .....Sync, Scan  
Carrier Frequency:.....520-544MHz  
Channels:.....96 (frequency dependant)  
Frequency Modulation:.....30MHz (Max)  
Max. deviation: .....80kHz, with level limiting  
Squelch: .....Tone key and noise lock dual-squelch  
Frequency response: .....70Hz - 16kHz  
Wireless Coverage: .....50-70M

### UHF Audiolink Transmitter Module C 7203C

Carrier Frequency:.....520-544MHz  
Channels:.....96 (frequency dependant)  
LCD Status:.....LCD readout, LED indicators  
Controls: .....set, up, down, volume  
RF Output:.....10mW  
Spurious Emission: .....<250mW  
Antenna: .....Built-in  
Frequency response: .....70Hz - 16kHz  
Wireless Coverage: .....50-70M

### UHF Audiolink Transmitter Module C 7203C

Output Level 1KHz: .....1.2V  
Output Level Difference Between Channels:.....< 2 db  
Frequency Response: .....20Hz - 20kHz  
Separation Degree: .....1kHz 0db > 50 db  
S / N Ratio: .....1kHz 0db >50 db  
Supply Voltage: .....d.c. 12V (11V – 13.2V)  
T.H.D.: .....1kHz 0db < 0.2 %  
Power consumption:.....< 7W  
Key Control (Pitch): .....Low - 6 Section /  
.....1 Section - 3 %, Hi - 6 Section / 1 Section + 3 %  
Dimensions: .....190mm W x 185mm D x 42.5mm H