



**CRAIG®**

# **FM TRANSMITTER**

**with Bluetooth® Wireless Technology**

*Owner's Manual*

PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

**Model: CBT3348A**



Size: 148.5(W) x 210(H)mm (A5)

## **FCC INFORMATION**

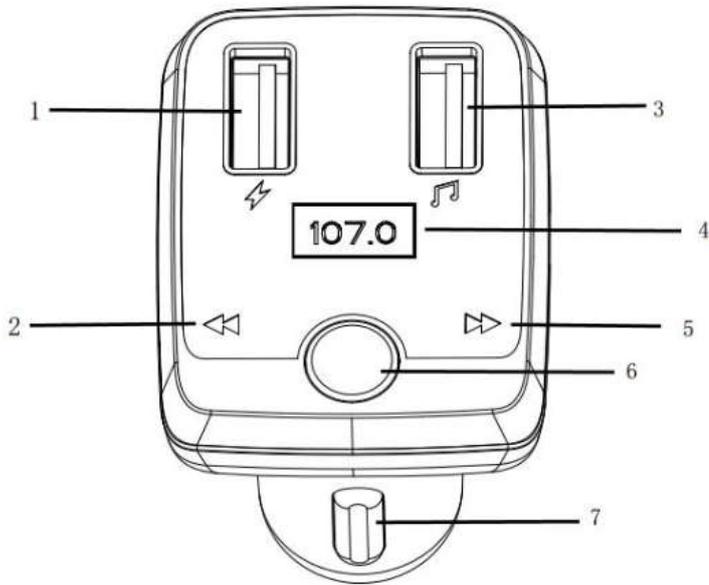
This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio 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.

### **FCC WARNING:**

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. Modifications not authorized by the manufacturer may void user's authority to operate this device.

## LOCATION OF CONTROLS



1. ⚡ USB Port 1 (For charging the external USB Device)
2. ⏪ Button
3. 🎵 USB Port 2 (For charging the external USB Device and Music playback)
4. LED Display
5. ⏩ Button
6. 🔌 Button
7. Car Cigar Lighter Plug

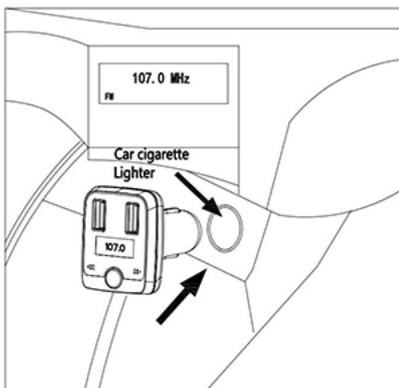
## OPERATION:

**For listening to music from your BT Device through the unit and your car radio, follow the steps below:**

### **Step 1:**

**Pair the unit to your car radio:**

1. Connect the unit to the car cigarette lighter socket as illustrated below:



2. The unit will automatically power on and the voltage of the vehicle battery will appear on the LED Display on the unit as illustrated below:



3. A few seconds later, the FM radio frequency will appear on the LED Display as below:



4. Turn on your car radio and place the radio in to FM mode as usual. Search for a blank FM channel without any radio signal received (For example, set it to 107.0 MHz).
5. Press and hold the  Button approximately 5 seconds until the FM radio frequency on the LED Display starts blinking.
6. Press the  or  buttons repeatedly to set or reset the FM radio frequency to your radio. (In this example, set it to 107.0 MHz).

## **Step 2:**

### **Pair your BT (Bluetooth) Device to the unit:**

#### **In first time use or re-pairing the unit to a new BT Device, pair it as below:**

1. Power on and pair the unit to your car radio as step 1.
2. You will hear an audible prompt say “Bluetooth ready for connection”.
3. Power on the external BT Device and enter to BT searching mode. Start pairing following the on screen instructions from the external BT Device.
4. When paired, the unit will sound a prompt “Bluetooth connected”.
5. If pairing is complete you may now play music and answer the phone with your external BT Device and car radio.
6. During playback:
  - Press the  Button to pause; press again to resume to normal playback.
  - Press and hold the  or  buttons to adjust volume level as desired.  
Or, using the volume controls on your car radio/paired BT Device to adjust volume level.
  - Press and release the  or  buttons repeatedly to skip tracks.
7. If the unit is paired to a Cell Phone:
  - If a call is incoming during an active music session. Press the  Button then speak to the Microphone to answer the call. When your call is complete, press the  Button to disconnect or end the call and resume to music playback.
  - Or, press and hold the  Button approximately 3 seconds to decline the incoming phone then resume to music playback.

8. If a USB Device is already inserted to 🎵 USB 2 Port, press and hold the 🔄 Button approximately 2 seconds then release it to turn to USB playback mode. Press and hold again to turn back to BT playback mode.
9. When finished listening, unplug the unit from your car cigar lighter socket to shut off the unit.

**Notes:**

- When the external BT Device searched the unit, our model number “**3348A**” will appear on the display of external BT Device.
- If while pairing you are asked for a code please try "0000" or "1234".

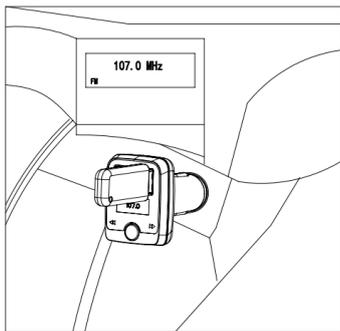
**Normal operation after pairing:**

1. Power on the external BT Device and enter to BT playback mode.
2. Power on your car radio and received the preset FM radio frequency as previously instructed.
3. Connect the unit to your car cigar lighter socket as previous instructed. You will hear an audible prompt say “Bluetooth ready for connection”.
4. Wait a few seconds until the unit is automatically paired to the external BT Device. When paired, the unit will sound a prompt “Bluetooth connected”.
5. After pairing is complete you may now play music and answer calls with your external BT Device and car radio.

**USB:**

**For listening to music from your USB Device through the unit and your car radio, follow the steps below:**

1. Insert the external USB Device (not included) into the 🎵 USB 2 Port on the unit as illustrated follows:



**(Note: ⚡ USB 1 Port is NOT support USB music playback.)**

2. Power on your car radio to the preset FM radio frequency as previously instructed.
3. Connect the unit to your car cigar lighter socket and enter it as previously instructed. Wait a few seconds, audio will automatically start.
4. During playback:
  - Press the 🔄 Button to pause; press again to resume to normal playback.

- Press and hold the ◀◀ or ▶▶ buttons to adjust volume level as desired.  
Or, using the volume controls on your car radio to adjust volume level.
  - Press and release the ◀◀ or ▶▶ buttons repeatedly to skip tracks.
5. If the BT of the unit is paired to a Cell Phone:
    - If a call is incoming during an active music session. Press the 📞 Button then speak to the Microphone to answer the call. When your call is complete, press the 📞 Button to disconnect or end the call and resume to music playback.
    - Or, press and hold the 📞 Button approximately 3 seconds to decline the incoming phone then resume to music playback.
  6. If the unit is already paired to any BT Device, press and hold the 📞 Button approximately 2 seconds then release it to turn to BT playback mode. Press and hold again to turn back to USB playback mode.
  7. When finished listening, unplug the unit from your car cigar lighter socket to shut off the unit.

**Notes:**

- This unit supports a maximum capacity of 32GBs via USB Device (Flash Drive).
- Before replacing USB Device, make sure the unit is unplugged from the car cigar lighter socket.
- When inserting the USB Device, make sure the direction you selected is correct. Never insert violently to avoid damaging the USB Device or the unit. If it doesn't work, please check if the direction is correct.
- You also need to download the desired music in MP3 format into the USB Device before insert into the unit.

**BUILT-IN USB CHARGERS:**

The unit has 2 built-in USB Chargers. Use it to charge the external USB devices as below:

1. Connect the unit to the car cigar lighter socket to power on the unit.
2. Connect the full size USB Plug of the charging cable from the external USB Device to one of the USB Port on the unit.
3. Charging will automatically start. Monitor the charging status by the Charging Indicators on the external USB Device as usual.
4. When finished charging, disconnect the external USB Device from the USB Port.

**Notes:**

- **Some of Apple devices can NOT be charging in standby mode (black screen). Turn on the device from standby mode (screen lock was released then illuminate) before connecting it to the charger.**
- The unit can support charging two (2) external USB devices at the same time.

- The unit has a built-in overload/overheat protector. If the output of the unit is overloaded (or short circuited). The charger will shut off. Unplug the external USB device from the USB Port. The charge will auto reset.

## TROUBLESHOOTING

Check the following before requesting service:

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Car Radio no sound	The radio frequency between the unit and car Radio mismatch	Found and set the radio frequency of the Car Radio and unit in the same frequency as page 2-3
No sound or sound weak	Volume of the unit was set to minimum position	Rise the volume level of the unit by press and hold the ►► Button on the unit
	Volume of the paired radio was set to minimum position	Rise the volume level of the paired radio
	Volume level of paired BT device is in low level	Rise the volume level of the paired BT device
Sound distortion	Volume level too high	Reduce the volume level of unit by press and hold the ◀◀ Button on the unit
	Volume of the paired radio too high	Reduce the volume level of the paired radio
BT not functioning	The external BT device has NOT paired to the unit	Pair the external BT device to the unit as page 3-4
	The external BT device too far from the unit	Place the external BT device close to the unit

## GENERAL SPECIFICATION:

Power source: DC  12 or 24 V, 1.3A (Max.) from car cigar lighter socket

Output from  USB Port 1: DC  5V, 2.1 A (Maximum)

Output from  USB Port 2: DC  5V, 2.1 A (Maximum)

**(Total 2.1A Maximum)**

FM Transmitting Frequency: 88-108 MHz

BT Version: 5.0

BT Operation Distance: Up to 32 Feet in open area

**PACKAGE INCLUDES:**

1 x Owner's Manual

**SPECIFICATIONS AND ACCESSORIES ARE SUBJECT TO CHANGE WITHOUT NOTICE**

## LIMITED WARRANTY

Craig warrants this product to be free from manufacturing defects in material and workmanship under normal use for a period of 90 days from date of purchase. If service is required, please return the product to the store where it was purchased for exchange; or, pack the unit in the original packing material with all accessories if applicable, a copy of your sales receipt and a Cashier's check or Money Order for \$3.00 (to cover shipping and handling costs) payable to Craig Electronics Inc. For consumers in Canada, please make sure that the cashier check or money order is redeemable through a U.S. bank. Ship your product freight pre-paid. Your unit will be repaired, replaced or if the unit can not be repaired or replaced, a refund will be forwarded to you within four weeks of receipt of your unit. Please ship your unit to:

Craig Electronics Inc.  
1160 NW 163 Drive  
Miami, FL 33169

This warranty is void if the product has been: a) Used in a commercial application or rental. b) Damaged through misuse, negligence, or abuse. c) Modified or repaired by anyone other than an authorized Craig service center. d) Damaged because it is improperly connected to any other equipment.

Note: This warranty does not cover: a) Ordinary adjustments as outlined in the Owner's Manual which can be performed by the customer. b) Damage to equipment not properly connected to the product. c) Any cost incurred in shipping the product for repair. d) Damage to the product not used in the USA.

This warranty is not transferable and only applies to the original purchase. Any implied warranties, including the warranty of merchantability, are limited in duration to the period of this expressed warranty and no warranty whether expressed or implied shall apply to the product thereafter.

Under no circumstance shall Craig be liable for any loss or consequential damage arising out of the use of this product. This warranty gives specific legal rights. However, you may have other rights which may vary from state to state. Some states do not allow limitations on implied warranties or exclusion of consequential damage. Therefore, these restrictions may not apply to you.

To Obtain Service on your Product  
email: [service@craigelectronics.com](mailto:service@craigelectronics.com)