



TLL622011
Bluetooth FM Transmitter B2
User manual



INTO YOUR FUTURE

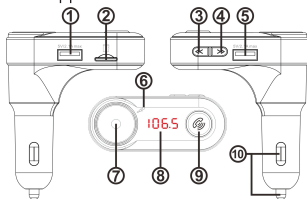
1. Product Introduction

The product is designed as one special Bluetooth Car charger. It adopts one advanced capability and professional Bluetooth module and MP3 decode chip that can wirelessly transmit music files from Micro SD card to your car stereo.

With your mobile phone with Bluetooth function, it can convert to hands-free automatically when there is a call incoming. After hanging up, it can convert back to play music automatically.

You may enjoy music on the way during driving and talk over the call in hands-free, so that entertainment and security along with you.

2. Product Appearance



3. Diagram explanation:

1 and 5: USB charging port

Dual USB charging ports total output 5V/2.1A(Max)

2: Micro SD card slot

- 3: CH +/- Next song
- 4: CH -/ Previous song
- 6: Microphone
- 7: Car cigarette lighter(12-24V) output for charging only
- 8: LED display screen
- 9: Answer/Reject phone; Frequency point/Car battery voltage/On load current/Micro SD card/BT mode switch
- 10: Power supply 12V-24V

4. Features:

- 1. Suitable for all types of vehicles
- 2. Full FM channels from 87.5~108.0MHz
- 3. Large digital LED display
- 4. Supports Car Accumulator voltage display and Charging current display
- 5. Supports Micro SD card
- 6. Supports MP3/WMA format music
- 7. Answers/ hangs up/ rejects/ redials the call
- 8. Supports A2DP
- 9. Echo cancellation and noise suppression (CVC) technology during a call
- 10. Dual USB charging ports; 2.1A maximum output
- 11. Auto power-off memory function
- 12. Charging agreement

5. Operation Instructions

5.1 Bluetooth Mode

- 5.1.1. Plug the device into car cigarette lighter socket then it's power on, and the LED will display


FM Channels.

5.1.2. When you connect the product via Bluetooth at the first time, you should enter the match code.




5.1.3. When the product is power on, turn on the Bluetooth in your phone and search the device "Tellur FMT-B2"

5.1.4. Select "Tellur FMT-B2" and pair, there is a prompt tone after paired successfully.


5.1.5. Making call

Under connection status, when you make a call the sound will come out from the car stereo, if you want to cancel the call, you can short press  before to get through.


5.1.6. Answer Call

Under connection status, when calls come in, short press  to answer the call ,after getting through, short press  and  to switch the microphones between mobile phone and product.




5.1.7 Redial Call

Under connection status, double press ,  then you can redial the latest call you have dialed.

5.1.8. Reject Call


When you want to reject the incoming call, just long press 

5.1.9. Play the music stored in your phone

It supports A2DP, can play the music stored in your phone. Through the Bluetooth connection and FM transmission, the music can come out from the car stereo, you can get high-level performance. Short press  for Play/Pause, short press  and  for Previous/Next song (Note: Some phones with low

version OS may not support this function)

5.2. Micro SD card playing music mode

5.2.1. The product enters into the car cigarette lighter socket, it will automatically play music after detecting songs on the Micro SD card, short press << and >> to choose last song and next song. short press  button to play/pause. Long press << or >> until digital frequency flashing to enter quick frequency mode, then short press << or >> to decrease or increase frequency.

5.2.2 Turn on Car audio to FM radio mode.


Tune the FM radio to the same channel as product, then you can enjoy the music from the car speakers.

5.2.3 Adjust the FM frequency:

Long press << or >> until the LED display flashing to enter into quick frequency mode, then short press << or >> to decrease/increase from 87.5~108MHZ .


5.2.4. This product has two USB ports, supports total output 5V / 2.1A (maximum), and when both USB are in use, the total output current cannot exceed 2.1A.

5.3 Car Accumulator voltage display:

5.3.1 Long press  more than 3 seconds to display Car Accumulator voltage (Voltage display range: 9-30V, Over range display HHH; error $\pm 1V$)

Voltage of this product is shown as car battery working voltage. When the car battery voltage is below 12V, display character flashes: this time need check if the car battery voltage is abnormal.

5.4 Charging current display

5.4.1 Long press  more than 3 seconds, the car voltage battery will display on the screen; the screen will scroll display the load current/battery voltage after connecting with loading equipment. (it won't display the current if it is below 0.13A, margin of error range $\pm 0.1A$).

5.5 Intelligent Charging recognize

5.5.1 Connect the mobile device to USB port(pic.11), the model will recognize the type of device, by through the corresponding communication protocol to maximize charging the mobile device safely and shorten the charging time.

6. Power-off memory

Every time when you power off this product, the system will memorize the information like the FM frequency and the song you are playing. And when you use it next time, the song will continue being played. But, when you remove or change the storage, or the system detects the wrong status, the system will play the first song.

7. Technical specifications

Rated working voltage: 12V~24V

Limit working voltage: 9-26V

USB output: 5V/2.1A

Working temperature: 0-50°C

Charging identification: Support

Play format: MP3/WMA

Battery voltage display accuracy: Error $\pm 1V$

Load current: Error \pm 0.1A

SNR: >60dB

Degree of distortion: <0.1%

Frequency response: 20Hz-15Khz

Resolution of right and left channel: >60dB

Bluetooth version: Version 4.2

Bluetooth sound processing: A2DP (Advance Audio Distribution Profile) function supported

Bluetooth transmission distance: <10M

Effective distance of Bluetooth microphone: 0.5-2M

FM frequency: 87.5-108.0Mhz

FM Mode: Stereo digital PLL frequency locking

8. Additional informations

1.This product contains dual USB outputs. It can charge two devices at the same time with the maximum output of 5V/2.1A.

2. When both micro SD card and Bluetooth are on, then boot priority Bluetooth connection (after 10 seconds no Bluetooth pairing is successful, automatically switches to the Micro SD card mode); when the Bluetooth connection is on and then insert Micro SD card, the latter takes precedence.

3. Please adjust the sound volume through the car audio.

4. A built-in antenna is provided for the product, so please avoid using the broadcasting station frequency that is with strong signal to get better sound effect.

5. The method to operate the Bluetooth may differ due to the difference of the phones applied.

6. Some phones may not support automatic connection if they are powered on after the power is in failure. If so, please connect them manually.
7. Do not use this product in environment with high temperature, dusts or moisture.
8. Avoid dropping the product to prevent damage to the surface or the body.
9. The Bluetooth of this product supports background play. If there is a prompt tone when playing music with micro SD card function, it will be automatically switched to the Bluetooth mode. After finished call, return to micro SD card function automatic.

9. Package includes

1. Bluetooth FM Transmitter B2
2. User manual
3. Warranty card



10. Disposal and recycling information

The crossed-out wheeled-bin symbol on your product, battery, literature or packaging reminds you that all electronic products and batteries must be taken to separate waste collection points at the end of their working lives; they must not be disposed of in the normal waste stream with household garbage. It is the responsibility of the user to dispose of the equipment using a designated collection point or service for separate recycling of waste electrical and electronic equipment (WEEE) and batteries

according to local laws. Proper collection and recycling of your equipment helps ensure EEE waste is recycled in a manner that conserves valuable materials and protects human health and the environment, improper handling, accidental breakage, damage, and/or improper recycling at the end of its life may be harmful for health and environment.



ABN Systems International

 Str. Marinariilor, nr.29
Sector 1, Bucuresti, Romania

 004.021.233.09.95

 office@tellur.com
office@abnsystems.ro

 www.tellur.com

Declaration of conformity

We, ABN SYSTEMS INTERNATIONAL S.R.L., Bucharest, Sector 1, Marinariilor street, nr. 31, we declare on own responsibility that the products below:

Product description	Brand	Product code
FM Transmitter Bluetooth FMT-B2, black	Tellur	TLL622011

Do not endanger life, health or work safety, do not have a negative impact on the environment and correspond to the standards stated in the manufacturer's declaration of conformity.

The products are in compliance with the following standards and / or other normative documents:

RED – 2014/53/EU

Applied standards:

EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013

EN 62479:2010

EN 301 489-1 V2.2.0

EN 301 489-17 V3.2.0

EN 55032:2015

EN 55020:2007/A12:2016

EN 300 328 V2.1.1

ETSI EN 301 357 V2.1.1

RoHS – 2011/65/EU

The product bears CE mark, applied in 2018

Name: George Barbu
Function: General manager

Place and date: Bucharest, 05.11.2018
Signed:

