



**TLL622031**  
**Bluetooth FM Transmitter B4**  
**User manual**

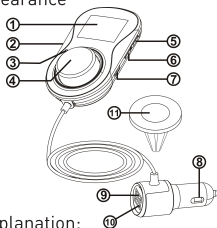


**INTO YOUR FUTURE**

## I. Product Introduction

Thank you for choosing a Tellur product! B4 Bluetooth FM Transmitter helps you enjoy your favourite music by streaming it wirelessly from your smartphone or TF card to the car's audio system. The transmitter supports smartphone and tablet recharging and hands-free call function.

## II. Product Appearance



## III. Diagram explanation:

1. 1.4" LCD Screen

2. TF card slot

3. Microphone

4. Multifunctional button: short press for pause/play/answer/hang up a call; double click for redial; rotate left and right to adjust volume; long press to switch mode (Bluetooth, TF card)

5. Short press for previous song; long press to increase FM frequency

6. Short press for next song; long press to decrease FM frequency

7. Switch On/Off
8. Power adaptor
9. USB 1: Charging port Max 5V/1A with charging recognition
10. USB 2: QC3.0 quick charge
11. Air vent holder

#### IV. Features:

1. FM full frequency transmission, 87.5-108.0MHZ
2. LCD screen display 1.4'
3. MicroSD card functions 1G-32G
4. Bluetooth answer, hang up, reject and redial
5. Bluetooth stereo music playing
6. USB 1: Charging port Max 5V/1A with charging recognition
7. Automatic power-off memory function
8. USB 2: QC3.0 quick charge (3.6V-6.5V/3A、6.5V-9V/1.5A、9V-12V/1A)
9. Private conversation function
10. Switch on/off
11. Air vent clip
12. Big multifunctional button
13. MP3/WMA music play
14. Caller ID display and navigation voice prompt
15. Battery voltage detection
16. TF card music playing
17. TF card EQ adjustment

## V. Operation Instructions

### 5.1 Bluetooth Mode

5.1.1 Insert the transmitter into the lighter socket, fix the support on the air vent and turn on hard power switch. LCD display will show FM frequency and battery voltage. Set the car's radio and the transmitter to the same frequency.

5.1.2 Turn on your device's Bluetooth, search for "Tellur FMT-B4" and click to establish connection. Once successfully connected, the LCD display will show the message "Bluetooth is connected".

5.1.3 Play music through Bluetooth from your device (smartphone/tablet). Use the multifunctional knob to control music (pause/play) and adjust the volume.

5.1.4 Short press knob to answer/hang up a call; long press to reject; double click to redial; long press during talking to switch to private conversation.

Note: You can only redial the last number you dialed.

### 5.2 MicroSD Card Play

5.2.1 Insert the TF card into TF card slot and the transmitter will automatically switch to TF card mode and play the music from the TF card. Single click the knob to pause/play music, press frequency button to switch songs.

### 5.3 Frequency Adjustment and setting

5.3.1 After turning on the transmitter, long press

“prev.” button to enter FM frequency quick adjustment, short press to slow adjustment. Long press “next” button for FM quick decrease adjustment, short press for slow adjustment.

5.3.2 In TF card music Pause status, a short press of the “prev.” button can set playing mode: all repeat, single repeat, normal, random, browse play. A short press of the “next” button can set sound effects: Nature, Pop, Rock, Jazz, Classic, Country.

## 5.4 Switch Mode

5.4.1 When Bluetooth is connected and TF card is inserted at the same time, long press the knob to switch modes.

Note: There will be corresponding voice prompts about the current status of the transmitter while switching modes or inserting external devices.



## 5.5 Charging recognition

5.5.1 Connect your QC3.0 compatible mobile device to the USB2 port. The transmitter will automatically recognize device type and will provide the maximum charging current to reduce charging time, while protecting the device’s battery.

This device is in compliance with QC3.0, QC2.0, FCP, PE, PE2.0, Apple, Samsung, BC1.2.

## VI. Power-off memory

The System will automatically memorize the song and the FM frequency before power-off. On the next use, the transmitter will automatically play the last

played song.

If you remove or change memory device or the system detects a fault, the transmitter will begin the play from the first song.

## VII. Technical specifications

Rated working voltage: 12V-24V

Limit working voltage: 8-32V

USB1 output: 5V/1A charging for phone and charging recognition

Working temperature: -5-45°

USB2: Supports QC3.0 charging for phone

Music format: MP3/WMA

Battery voltage display accuracy: +\_1V

SNR: >60dB

Degree of distortion: <0.1%

Frequency response: 20Hz-15Khz

Left and Right Channel: >60dB

Bluetooth version: Version 4.1+EDR

Bluetooth sound processing: HFPv1.6, hspv1.2,

A2DP1.3, AVCTP1.4, AVDTP 1.3 and AVRCP 1.5

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

## VIII. Additional informations

- 1.This device has dual charging ports, USB1 - 5V/1A, USB2 - QC3.0.
- 2.When setting the frequency, avoid frequencies with strong signal in order to get a better sound quality.
- 3.Bluetooth connection fidelity varies from one smartphone to another.
- 4.If your smartphone doesn't reconnect automatically to Bluetooth after powering the transmitter off, Bluetooth has to be reconnected manually.
5. Do not use this product in a dusty and humid environment, with extremely high and low temperatures.
- 6.Do not drop the product to avoid surface damage or breakdown.
- 7.In case of an incoming call, the transmitter will switch automatically to Bluetooth mode. When call is finished, the transmitter returns automatically to the TF card mode.

## IX. Package includes

1. Bluetooth FM Transmitter B4
2. User manual
3. Warranty card



## X. 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.



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## 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-B4, black	Tellur	TLL622031

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: