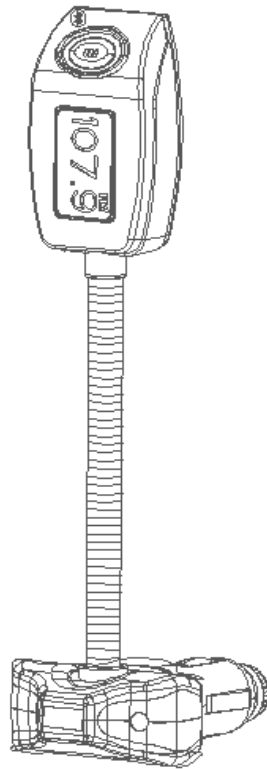


# **BTF-01 Air Tune**

## **User Manual**



**J-LINK CO., LTD.**

## Air Tune: 2-in-1 Plug-in Gooseneck HandsFree Car Kit

Air Tune provides a communication solution from Bluetooth technology (V1.2) through FM transmission. Auto turn off iPod or MP3 music, on incoming and out going calls. Comes with 3.5mm Jack for audio player/device to transmit the sound to your car stereo individually or play your MP3 songs through Air Tune and connect it with your phone as well. Don't need to switch off the sound when receive calls, the Air Tune do it for the user with safety automatically. When you receive the call, the music stops and lets you have the call first; when the call ends the music will start automatically.

Air Tune also provides a USB port to connect your MP3 player, ex. iPod, Creative Zen, SanDisk sansa, Microsoft Zune.. etc., via USB cable \* to transmit its music or sound to car stereo directly. Meanwhile, Air Tune can charge your MP3 player via USB cable \*. In addition, you also can charge your personal device, ex. Digital camera, PDA, GPS, mobile phone ... etc., via USB cable \*while USB port is not occupied to use.

*\*Additional USB cable required*

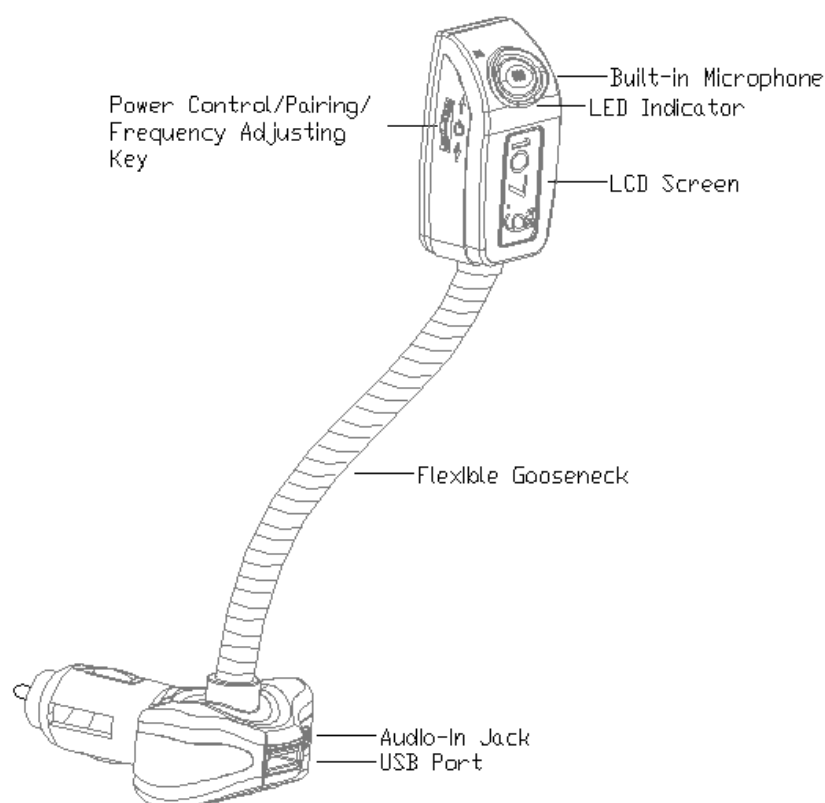
## Air Tune Features

- Bluetooth version 1.2
- FM transmitting modulator
- Bluetooth effective range: 10 meters
- Full Duplex
- Echo cancellation/Noise suppression
- 3.5mm earphone jack for audio input
- USB Output : 5V/9 pin USB
- For 12-16V vehicle
- Switch for Bluetooth and FM transmitting function
- LCD screen for FM channel (88.1-107.9MHz)
- Built-in microphone
- Flexible gooseneck

## What's included

- Air Tune
- Audio cable
- User manual
- USB cable for iPod, Creative Zen, Microsoft Zune, SanDisk sansa, Moto, Nokia, Sony Ericsson(*Optional*)

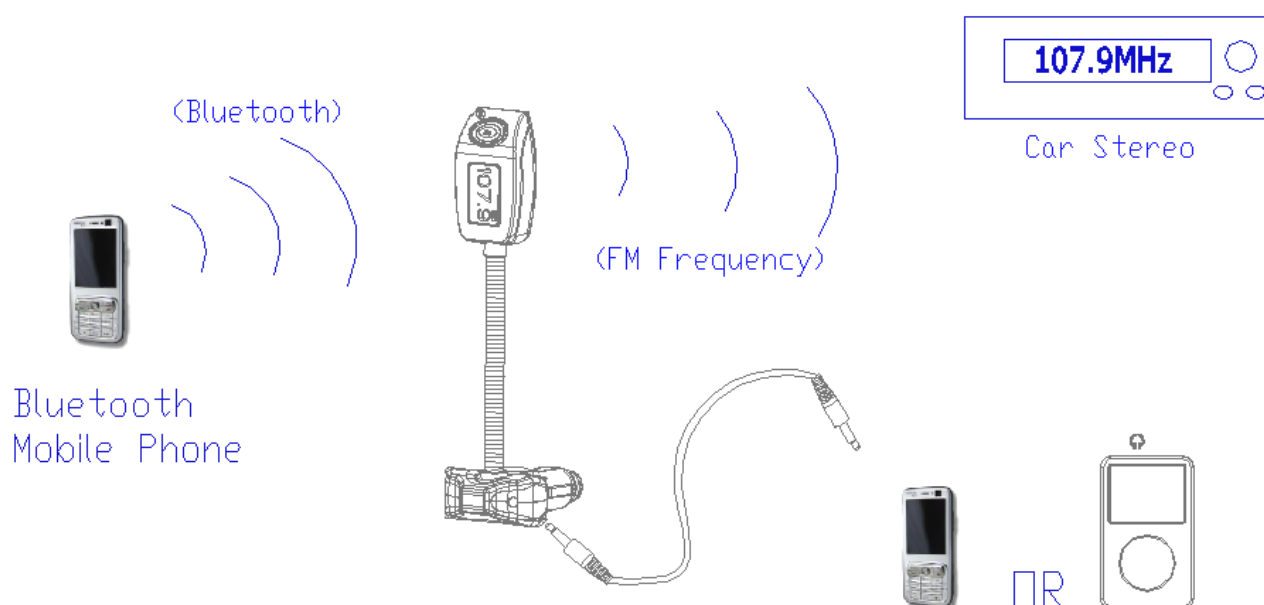
## Feature Details



### Air Tune Controls

Power Control/Pairing/Frequency Adjustment/Mode Key	Turn Air Tune on/off by pressing the key once vertically Pair the mobile phone by pressing the key vertically and hold around 5 seconds Pushing the key up once to tune 0.1MHz up for FM frequency Pushing the key down once to tune 0.1MHz down for FM frequency Press once vertically to pickup the phone while a calling comes Press once vertically to hangup the phone while a conversation ends Press once vertically to change the mode "BTF01-> L-IN" while the audio is from Line-In jack
LED Indicator	Standby: flash in blue every 3 seconds Ready for Pairing: flash in blue fast every 0.2 seconds Talking: still blue light
Built-in Microphone	For talking
LCD Screen	Display the FM frequency of transmission
Flexible Gooseneck	To adjust Air Tune to the satisfied position for the easiest viewing FM frequency, access and microphone for talking
Audio-in Jack	To plug the 3.5mm audio cable into MP3/audio player & Audio-in Jack to transmit the audio to FM transmitter
USB Port	To connect USB cable with MP3/audio player or other device, then charge. Even transmit the music via this USB cable as well.

## About Air Tune

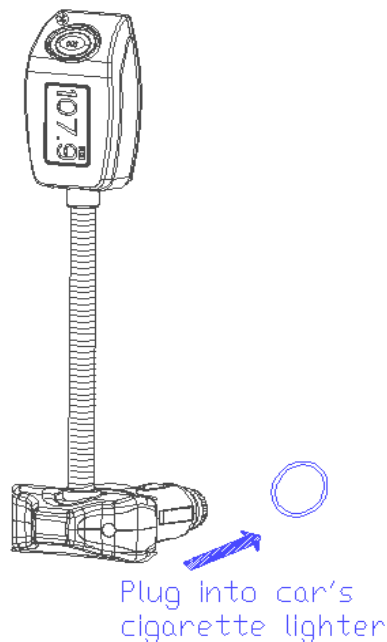


Air Tune is basically a mini radio station that broadcasts the conversation from your mobile phone or the music from player to FM radio in your car. Air Tune comes with Bluetooth technology and FM transmitting, allowing you to connect your mobile phone easily or comfortably without risk while driving and with safety. Simply plug it into your car cigarette lighter and place the appropriate USB cable \*with your player to transmit music/sound and charge, or charge any device individually via USB cable \*. You can simply use if you need to change your player or mobile phone model, just change the proper USB cable.

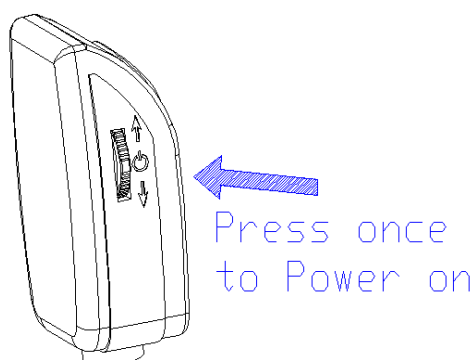
*\*Additional USB cable required*

## Setting up the Air Tune

1. Plug the Air Tune into your car's cigarette lighter or 12V power outlet



2. Press the functional key on the left side of Air Tune once to turn Air Tune on, the tone goes up is heard. Then LED of Air Tune flashes blue in every 3 seconds to be on standby.

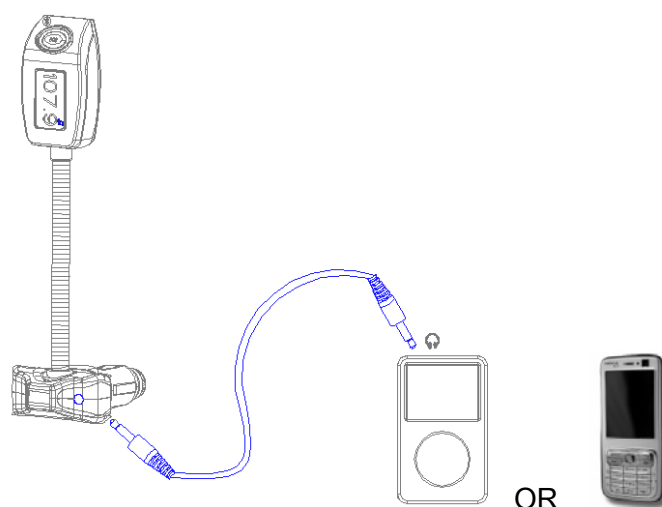


3. To pair Air Tune with your mobile phone via Bluetooth.
  - To hold the functional key for 5 seconds, once the LED becomes fast flash in every 0.2 seconds and a "Do" sound is heard, which means Air Tune is ready for pairing, then release the key. Active the Bluetooth function of your mobile phone to search for Air Tune, signalled "BTF-01". When the device is found, select this item then press PIN code "1234" for connection.
  - Once the mobile phone connects with BTF-01 well, the left side of FM frequency displayed in LCD shows "🚗" Car Kit symbol.

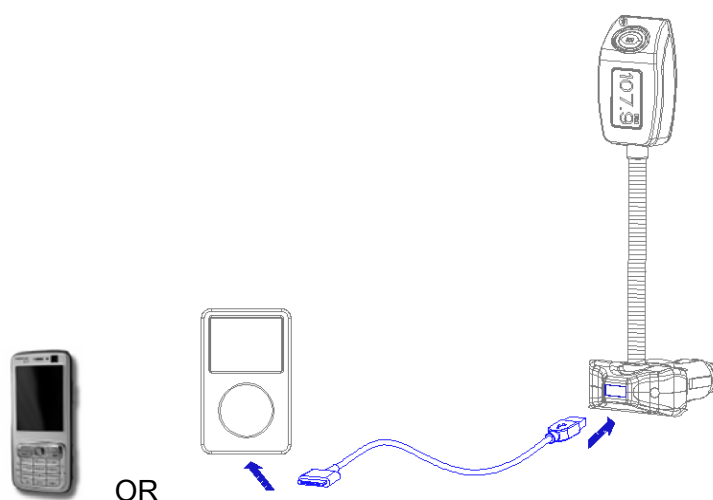
4. While the LED indicator now turns back to flash blue in every 3 seconds, Air Tune and mobile phone are connected well and into standby mode. Now you start using this car kit with your mobile phone.
5. Turn on your car radio and switch to FM channel, adjust the radio frequency channel to empty or un-used frequency. Now the radio output as “zzz” sound or no sound.
6. The LCD of Air Tune automatically turns on while Air Tune is being powered on. The LCD will then display 88.1MHz as the first frequency. In the future, it will display the last used channel.
7. When the radio frequency channel of Air Tune and the radio are same, the “zzz” sound will stop.
8. Plug the audio cable into Air Tune and your mobile phone or audio player, ex. SonyEricsson’s walkman series(without A2DP), Nokia MP3 mobile(without A2DP), iPod, Zune, sansa, Zen, CD player,...etc..., then play the music and the LCD shows 🎵 symbol on the right side of FM frequency displayed.. The music will come out from car stereo.
9. Be sure to manage your music’s volume, bass and treble settings using your car stereo’s controls to get the best sound quality with Air Tune.
10. While calling comes or dials, Air Tune broadcasts your mobile phone sound to the FM radio in your car. If your mobile phone has A2DP support, after your mobile phone complete the connection with Air Tune via Bluetooth technology, then the music in your mobile phone can come out from car boom as well.
11. Press the functional key on the left side of Air Tune once to turn Air Tune off, the tone goes down is heard. Then LED becomes off, too.
12. Under the following situations, you may need to repeat the above instruction step by step:
  - a. For the first time connection
  - b. After you power-off your cell phone
  - c. After any other cell phone connects with Air Tune.
13. Be sure to enable the Auto-answering mode of your mobile phone before using this product. Once your mobile phone has been set, auto-answering function shall work after 1~4 rings when phone calls come in. If you don’t enable the Auto-answering function, the answer key needs to be pressed to answer your call.

## Connecting Air Tune to your mobile phone, then listen other audio player music via FM transmitter

1. Repeat the steps above to complete the Bluetooth connection between your mobile phone and Air tune.
2. Repeat the steps (5~7) above to set up your car radio and Air Tune for FM transmitting.
3. Plug the audio cable into Air Tune with your audio player or mobile phone, ex. iPod, Zune, sansa, Zen, CD player, SonyEricsson's walkman series, Nokia MP3 mobile...etc..

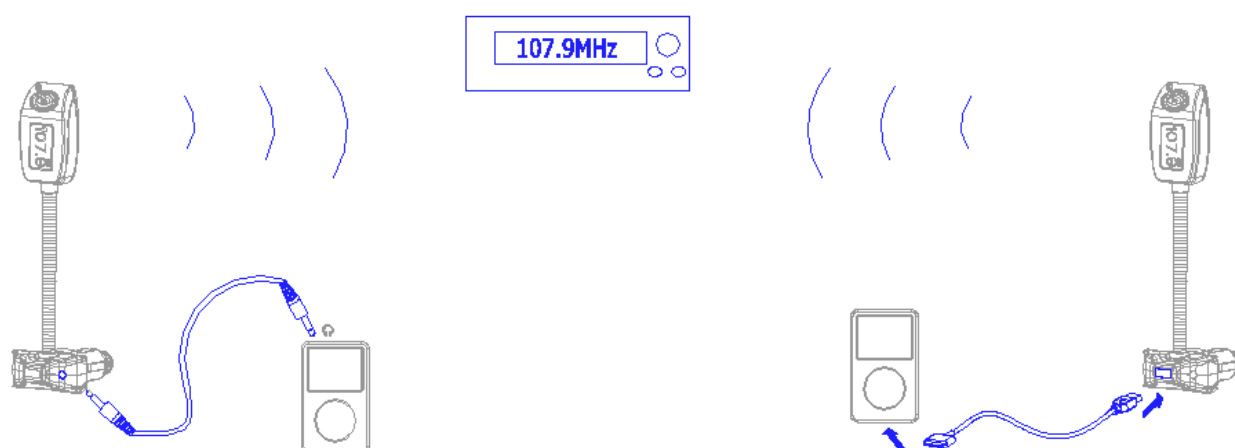


4. Then play, the music/audio will come out from your car boom. Once the calling comes or the mobile phone is in use, Air Tune switches off the sound automatically, then the call ends the music will start automatically.
5. Alternatively, by using USB cable to transmit the music/audio from your player or mobile phone to FM radio station, meanwhile, Air Tune charges the battery of your playback via this USB cable.



## Use Air Tune as a FM transmitter individually

1. Press the functional key on the left side of Air Tune once to turn Air Tune on.
2. Repeat the steps (5~7) above to set up your car radio and Air Tune for FM transmitting.
3. Plug the audio cable into Air Tune and your player or plug USB cable steps above for FM transmitting, please change the mode to "L-IN" then the LCD shows 🎵 symbol on the right side of FM frequency displayed.
4. Then play, the music/audio will come out from your car boom.

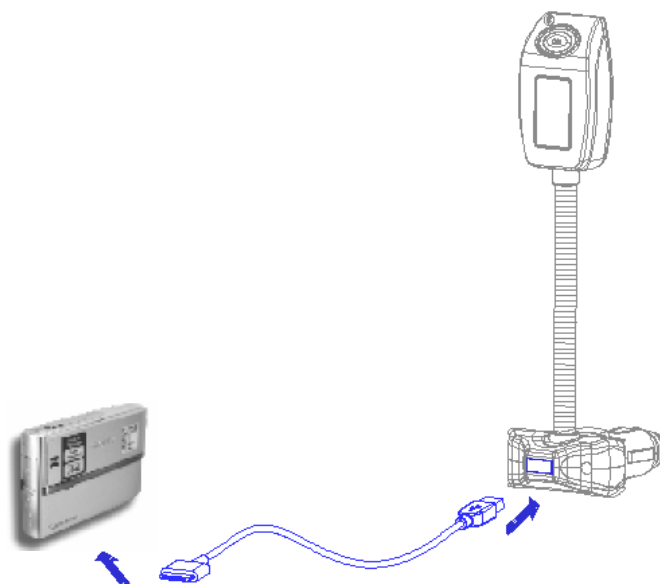


5. Air Tune automatically shuts itself off when not in use for 1 minute or the absence of a signal at the audio input in the minute.



## Use Air Tune to charge your electrical device additionally

1. The USB output can do power supply once Air Tune plugs into car cigarette lighter.
2. Plug the appropriate USB cable for your personal electrical device, ex. mobile phone, digital camera, PDA, GPS...etc., into Air Tune to charge.



3. Unplug Air Tune when it's not in use or get off the car.

## Trouble-shooting

- ✓ Make sure the connections and wires are tight and correct.
- ✓ Make sure your cigarette lighter jack is working properly
- ✓ Make sure the frequency you've turned to is empty and not near a strong station.
- ✓ Air Tune will tune to any radio frequency, from 88.1 to 107.9, so try the entire spectrum until you find an unoccupied channel.
- ✓ To control the overall volume of your music or audio while using the Air Tune, please use the car radio's volume control first, because not all the players or mobile phones support the volume control from its connector or Bluetooth technology.
- ✓ When playing music or talking, there seems to be a lot of static in the sound. First, check that you have a clear frequency. Unplug Air Tune to see if there might be a radio station interfering. If so, find another clearer station.
- ✓ While the music or voice sounds overdriven and distorted. Be sure that the FM station you're using is still unoccupied as you drive through different areas, FM signals can intrude on an un-used frequency.
- ✓ Make sure the mobile phone with A2DP support before listening your mobile phone music through Air Tune.

## Notice of Usage

- ✓ This product should be kept dry at all times and only used in car.
- ✓ Keep out of direct sunlight or high temperature environments.
- ✓ Unplug Air Tune when it's not in use.
- ✓ Keep your Air Tune away from the mobile phone for certain extent of distance. The most suggested distance is at least 50cm.
- ✓ For mobile phones with the function of voice dialling, the voice dialling function may work properly as long the voice recognition is not intruded by the surrounding noise.

Frequency range:

The frequency range (**88.1 MHz~107.9MHz**) is suitable for Germany, United Kingdom.

## FCC Caution

1. The 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.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
3. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

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## Regulatory Information

### Europe - EU Declaration of Conformity 0984

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC with essential test suites as per standards:

#### ETSI EN 301 357-1 V1.3.1:

Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Part 1: Technical characteristics and test methods

#### EN 301 489-9 V1.3.1:

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices

#### EN 60950-1:

Safety of information technology equipment, including electrical business equipment

<p>Hereby, J-LINK CO., LTD. , declares that this BTF-01 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.</p>
<p>J-LINK CO., LTD. vakuuttaa täten että BTF-01 tyyppinen laite on direktiivin ten 1999/5/EY oleellis vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.</p>
<p>Hierbij verklaart J-LINK CO., LTD. dat het toestel BTF-01 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG</p>