

TuneStik™



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Printed in Taiwan

M-62000-070312-B

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Quick Start

About the DLO TuneStik

Thank you for your purchase of the DLO TuneStik FM Transmitter & RF Remote for iPod. TuneStik is way more than just an FM Transmitter for your car. It's a multipurpose iPod tool that can help you enjoy your music in a variety of new ways. A few suggestions:

Use TuneStik to play your iPod not only in your car, but at a friend's house, a hotel room, a rental car, a boombox - anywhere there's an FM radio you have a set of speakers for your iPod.

The TuneStik Remote can be used totally separately from its FM transmitter function. So if you use a cassette adapter/AUX Input in a car, or you hook your iPod to your stereo with a cable at home, you can still use TuneStik's high powered RF remote to control your iPod from afar.

TuneStik features a 30-pin pass-through iPod Dock Connector. That means you can connect and use any iPod charger, sync cable, even other iPod accessories - and still use TuneStik as an FM Transmitter and Remote - or just a remote - or just the FM transmitter. TuneStik is very versatile iPod accessory when you consider all the different options it provides.

DLO TuneStik Quick Start

We'll get you up and running in 5 easy steps:

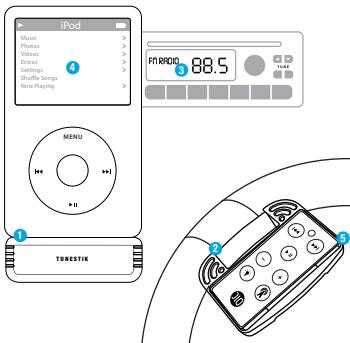
STEP 1 Connect the TuneStik FM Transmitter to your iPod dock connector.

STEP 2 Secure the TuneStik Control to your car's steering wheel.

STEP 3 Tune your car stereo to 88.5 FM.

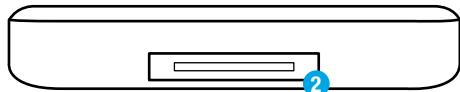
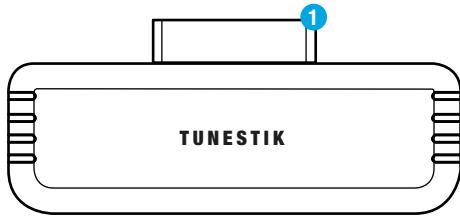
STEP 4 Power on your iPod and select a playlist, album or artist.

STEP 5 Press the **Play/Pause Button** on your TuneStik Control.



You can now enjoy your iPod music through your car stereo. For more detailed instructions, please read [Setting Up Your TuneStik \[pg. 9\]](#). If 88.5 is not an available frequency, please see [Finding Empty Radio Frequencies \[pg. 12\]](#)

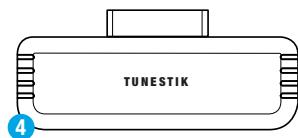
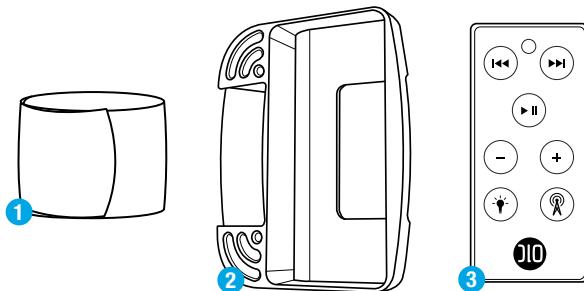
Controls + Connections



1 30-PIN DOCK CONNECTOR

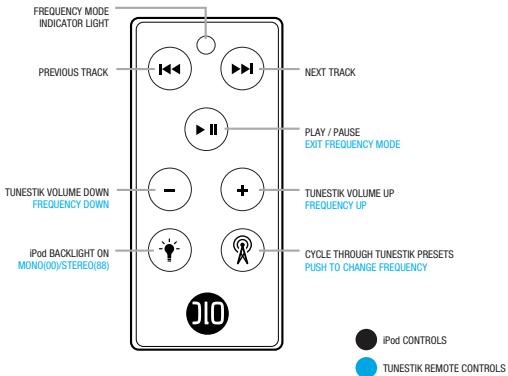
2 PASS-THROUGH DOCK CONNECTOR

Included in the Box



- 1** VELCRO STEERING WHEEL STRAP
- 2** STEERING WHEEL CRADLE
- 3** TUNESTIK REMOTE CONTROL
- 4** TUNESTIK FM TRANSMITTER

About the DLO TuneStik



The TuneStik is a "mini" radio transmitter that broadcasts your iPod audio through the FM radio in your car. The TuneStik features a powerful RF Remote Control that easily attaches to your steering wheel so you can control your iPod playback and navigation without taking your hands off the wheel. It can also be used to play your iPod at home, in a hotel, at a friend's house – anywhere there's an FM radio nearby.

Using Your TuneStik

Setting Up Your TuneStik

Connect the TuneStik FM Transmitter to your iPod dock connector. Secure your TuneStik Control to your car's steering wheel using the included cradle and velcro strap. You can position the steering wheel cradle anywhere you want on the wheel, but on the sides nearest your thumb works best.

Tune your car stereo to an empty frequency and then match that frequency on your TuneStik. Press the **Frequency Button** on your TuneStik Control and "CH 1 88.5" will be displayed on your iPod screen. You are now in **Frequency Mode**. You can use the **+/ - Buttons** to tune to the desired frequency displayed on your iPod screen.

The initial broadcast frequency for the TuneStik is 88.5. Your TuneStik can be programmed with preset stations for easy access with just a press of the **Frequency Button**. For help doing this, please see [Setting a Preset Frequency \[pg.10\]](#) The preset frequencies already set on your TuneStik are 88.5, 88.1, 94.9 and 107.9. To cycle through these preset channels, simply press the **Frequency Button** on the TuneStik Control.

If your TuneStik is connected and your iPod is not playing, you should hear silence. If 88.5, or one of the other presets {88.1, 94.9 and 107.9} is not an empty frequency in your area (i.e., there is music or talk already on that station) you may hear static. Try finding another station with less interference. For help doing this, please see [Finding Empty Radio Frequencies \[pg. 12\]](#).

Tuning Your TuneStik

Press the Frequency Button on the TuneStik Control. The red light on the top of the remote will flash, and your iPod will display "Ok to disconnect" followed by "CH 1 88.5" (the default broadcast frequency for your TuneStik). This places the TuneStik Control in **Frequency Mode**.

You are now able to change the frequency of your TuneStik to match the station on your car stereo. To do this, simply press the **Frequency Button** to enter **Frequency Mode** and tune up or down using the TuneStik Control's **+/ - Buttons**. Your iPod will display the frequency to which your TuneStik is broadcasting.

NOTE: Your TuneStik Control will allow you to tune the FM Transmitter in **Frequency Mode** as long as you need to before reverting back to **Primary Mode** after 10 seconds of inactivity.

Setting a Preset Frequency

You can set up to 4 preset stations when you find frequencies that work well in your area. When you've found the station you'd like to keep, tune your TuneStik's frequency to that station (displayed on your iPod after you've pressed the **Frequency Button**). Next, press the **Play/Pause Button** to set your preset and exit **Frequency Mode**, or simply leave the TuneStik on that particular frequency (after a few seconds, your TuneStik Control will revert to **Primary Mode**).

To set another preset, press the **Frequency Button** twice to get to the next open channel on your TuneStik, then tune to the desired frequency using the **+/- Buttons**. Press the **Play/Pause Button** to exit **Frequency Mode**, or simply wait to set this frequency as your new preset. Repeat this process for up to four total presets.

You can also turn the FM transmitter completely off by cycling past all 4 presets to the OFF Setting. Then press the **Play/Pause Button** or wait a few moments to apply. To turn the FM Transmitter back on, repeat these steps but stop at a Preset instead.

Switching between Monaural and Stereo Mode

With the DLO TuneStik you have the choice of transmitting in either Monaural or Stereo Mode. Choose between the two based on what type of audio you're playing and what sounds best to your ears.

Monaural Mode allows for much better transmitter performance and is also useful for listening to audiobooks and most podcasts. Use Stereo Mode when you have a clear empty signal to broadcast to, and for best sonic musical performance. If the static increases or you move to a crowded FM radio area, try Monaural Mode for the strongest Transmitter signal strength possible.

To switch between Monaural Mode and Stereo Mode press the **Frequency Button**, then press the **Backlight Button** to toggle between Monaural Mode and Stereo Mode. Your iPod will display **00** to indicate Monaural Mode and **88** to indicate Stereo Mode.

Finding Empty Radio Frequencies

What is an empty frequency? It's a frequency on your car radio where you can't hear a radio station, where there is only static and not even a faint radio station can be heard. If you live in a big city with a lot of radio stations, finding an empty FM frequency can be tricky.

Here are some tips for finding an empty frequency:

- Be sure to search the entire spectrum of FM frequencies, from 88.1 to 107.9. Don't just look to the low end of the dial, because there are often empty FM stations in the 100's that will work great.
- When using the scan function on your car stereo, if your tuner stops on 101 and then jumps to 103, look in the 102 range of frequencies for an empty frequency.
- Try scanning to a strong station, then backing down two frequencies - for example 103.5 to 103.1. You can often find empty frequencies this way. If that frequency is taken, scan to the next station and try again.
- Save a preset station on your radio when you find a frequency that works well in your area, and set that frequency as a preset on your TuneStik.

Controlling the TuneStik FM Transmitter Volume

The TuneStik Control features **+/- Buttons** that control the TuneStik FM Transmitter's volume or "response." While the **+/- Buttons** are a good way to control the volume, we recommend you adjust your TuneStik's volume for best performance, and then control the overall "loudness" with your car stereo.

Certain levels of transmitter volume are better for different kinds of music, be sure to set the transmitter volume at the level that best suits your music. For instance, a classical song may require more transmitter volume than say, a metal song. Once you've found an appropriate transmitter volume level, use your car's stereo controls to manipulate overall volume and EQ settings.

Using with a Cassette Adapter or Your Car's MP3 Audio Jack

Even if you're not using your TuneStik as an FM transmitter, it is a perfect way to control your iPod from the steering wheel when using a cassette adapter or MP3 audio jack. First, connect the TuneStik FM Transmitter to your iPod. Then connect a cassette adapter or your car's MP3 audio jack to your iPod via the iPod headphone jack. Now you can control your iPod without taking your hands off the wheel.

Using with a Home Stereo or Other FM Radio

You can use the TuneStik as a remote control for your iPod with any home stereo or speaker system. With the TuneStik FM Transmitter connected to your iPod, simply connect your iPod to your stereo via the headphone jack.

The TuneStik works anywhere you have an FM radio handy. The powerful RF Remote will let you control your iPod music from up to 75 feet away, so it's perfect for hotel rooms, portable speakers or your hi-fi stereo at home.

Using with an iPod Auto Charger or Wall Charger

The TuneStik also features a pass-through dock connector on the bottom of the TuneStik FM Transmitter that lets you simultaneously charge your iPod while enjoying your music. Any standard iPod charging cable, including auto chargers and wall chargers, will work with the TuneStik. This is important because the TuneStik FM Transmitter runs off iPod power. Plus, you'll never have to unplug the TuneStik FM Transmitter to recharge your iPod on those long road trips.

NOTE: Some iPod auto chargers are not shielded properly which may cause interference from your car's electrical system and affect the sound quality of your TuneStik. Be sure to purchase a DLO Auto Charger or one of similar quality to ensure proper performance.

Tips + Troubleshooting

My iPod is not responding to my TuneStik.

Reset your iPod by toggling the Hold Switch on and then off again. Then press and hold the Menu and Select Buttons until the Apple logo appears (6 to 10 seconds). You may need to repeat this step. If this does not work, you can reset the TuneStik by pressing the **Previous Track, Next Track**, and the **+/ - Buttons** simultaneously for 6 to 10 seconds.

I'm having trouble finding an empty FM frequency in my area.

Be sure to look in the 100's, not just in the 80's or 90's. Try scanning to a strong station, then back down two frequencies - for example 103.5 to 103.1. If that frequency is taken, try scanning to the next strong station and repeat. For more information read the [Finding Empty Radio Frequencies \[pg. 12\]](#).

My music is playing but there seems to be a lot of static.

First, check that you have found an empty frequency. Unplug the TuneStik FM Transmitter to see if there might be a radio station interfering. If so, try another frequency. Also, if you are using the TuneStik while connected to an Auto Charger, please note that some iPod car chargers are not shielded properly and may cause interference from your car's electrical system which affects the sound quality of your TuneStik's FM transmission. Be sure to purchase a DLO Autocharger or one of similar quality to ensure proper performance.

My TuneStik Control keeps reverting to the main playback controls, and I can't find my desired frequency.

Remember, when in **Frequency Mode**, your TuneStik Control will revert back to its **Primary Mode** after 10 seconds of inactivity. At that time, the station you were tuned to will become a new preset on your TuneStik. However, your TuneStik Control will allow you to tune the TuneStik FM Transmitter before reverting back to **Primary Mode** as long as there has not been more than 10 seconds of inactivity (i.e. pressing a button on the remote).

My radio will only scan to occupied FM stations.

Many car radios default to scan mode for tuning, so they automatically tune to a radio station. Most of these radios can be switched to manual tuning (consult your car or stereo manual on how to do this). You can also "find" your TuneStik's frequency by scanning to it. Most likely, your car stereo's scan function will automatically find the TuneStik.

Tech Specs

TRANSMITTER

Dimensions: L2.375" x W0.438" x H1.009" [L60.45mm x W11.13mm x H25.7mm]

Weight: 0.375oz

Antenna: Built-in

Power requirement: iPod connection

Modulation: FM Stereo

Frequencies: 88.1-107.9MHz

Frequency response: 50Hz to 18KHz

Operating range: up to 27ft

FCC compliant: [FCC ID # : UIX0702B]

RF REMOTE

Operating Range: Up to 75ft

Transmission Method: Radio Frequency

Frequency: 433.92 MHz

Remote Battery: Panasonic CR2025 3V

Remote Dimensions: L2.297" x W1.1" x H0.205" [L58.33mm x W27.95mm x 5.21mm]

Remote weight: 0.25oz

FCC compliant: [FCC ID # : UIX0703B]

Service + Support

For more information, updates and tips, please visit our website at www.dlo.com and click **Support**.

Warranty

Digital Lifestyle Outfitters Limited Manufacturer's Warranty

What This Warranty Covers. DLO (Digital Lifestyle Outfitters) warrants this product against defects in materials and workmanship. This limited warranty applies only to products manufactured by or for DLO.

What This Warranty Does Not Cover. This warranty does not apply to damage caused by: [a] accident, abuse, misuse, misapplication, ordinary wear, improper maintenance, failure to follow instructions, or products not manufactured by or for DLO; and [b] aftermarket services (including upgrades and expansions).

How Long This Warranty Lasts. This warranty lasts for a period of ninety (90) days from the date of original retail purchase.

What DLO Will Do. If a defect exists, DLO will exchange the product, at its option, with a product that is new or has been manufactured from new or serviceable used parts and that is at least functionally equivalent to the original product. DLO will warrant a replacement product against defects in materials and workmanship for a period of ninety (90) days from the date of replacement.

How To Get Service. In order to be eligible for this warranty, you MUST register your purchase at www.dlo.com/register within thirty (30) days of purchasing this product. If you believe that this product is defective in materials or workmanship, please e-mail customerservice@dlo.com with a brief description of the problem, for further instructions.

No Change To Warranty. No DLO reseller, agent or employee is authorized to make any modification, extension, or addition to this warranty.

How State Law Applies. This warranty gives you specific legal rights, and you also may have other rights that vary from state to state, or country.

Restrictions On Implied Warranties. All implied warranties, including, without limitation, warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Restrictions On Damages. DLO is not responsible for direct, special, incidental or consequential damages resulting from any breach of warranty or condition or under any other legal theory (including, without limitation, lost profits; downtime; goodwill; damage to or replacement of equipment and property; failure to maintain the confidentiality of data stored on the product; and any costs of recovering, reprogramming or reproducing any program or data stored in or used with products manufactured by or for DLO). Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

W1000-050803-B

FCC Statement

Federal Communications Commission Interference Statement

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.

CAUTION: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Any such modification could void the user's authority to operate the equipment.

Thanks for purchasing the DLO TuneStik
Putting control at your fingertips

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.