

### RoadTrip<sup>®</sup> SMARTSCAN<sup>™</sup> TECHNOLOGY

#### Quick Start Guide

Thank you for purchasing Griffin Technology's RoadTrip. We've redesigned RoadTrip from the ground up to make it easier than ever to dock, charge and play your iPod in your car. Let's get started.

#### Connect

1. Plug RoadTrip into your car's cigarette lighter or accessory port.
2. Select the adapter for your iPod model and slide it onto RoadTrip's. (Adapters are labeled on the underside.)
3. Slide your iPod into RoadTrip's dock, seating it firmly.
4. Adjust RoadTrip's flexible neck, and rotate the cradle to a convenient position.

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#### Power & Charge

Since RoadTrip plugs into your car's cigarette lighter, it will charge and power your iPod as you use it. The light ring on the plug shows charging status at a glance: red when connected, amber when charging, and green when charging is finished.

#### Play

##### SmartScan for Clear Frequencies

1. Press **FUNCTION** → **SCAN**. SmartScan scans all available FM frequencies and saves the 3 clearest frequencies to RoadTrip's 3 presets. SmartScan takes about 25 seconds to complete the process, then automatically chooses the clearest frequency and displays it on RoadTrip's high-contrast display.
2. **Set your FM stereo**. Tune your car's FM radio to the frequency displayed on RoadTrip's screen.
3. **Play music**. Press Play and enjoy the music.

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#### Listen

RoadTrip uses SmartSound<sup>™</sup> Plus to optimize both the transmission strength and the sound from your iPod to your FM radio. Depending on what you're listening to, you can also switch between stereo and mono sound. Here's how:

Press **FUNCTION** → **MODE** → **MONO** (Broadcasts in mono, resulting in a stronger signal than stereo.)

- ▶ Use for podcasts, talk radio, audiobooks and similar tracks.
- ▶ Use in heavily populated areas where numerous FM stations crowd the dial.

Press **FUNCTION** → **MODE** → **STEREO** (Broadcasts in stereo, for more realistic audio.)

- ▶ Use for music and musical podcasts.
- ▶ Use for best possible Right/Left Channel stereo separation.

#### Using Other Frequencies

In areas with numerous overlapping radio stations, you may need to switch frequencies to get the best possible sound, depending on your location. Here's how:

#### Using the presets

1. Press **FUNCTION** → **PRESET**. Select any of the three saved presets. (RoadTrip will exit this menu automatically after about 3 seconds.)
2. Tune your car's FM radio to the new frequency displayed on RoadTrip's screen.

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#### Tuning Manually

Manual tuning is a reverse of the SmartScan process; you tune your car stereo first, then adjust RoadTrip to match that frequency.

1. On your car's FM radio, select a frequency on which you hear nothing but static. The ideal choice would have nothing on either of the neighboring frequencies, so listen for 3 in a row with static and select the middle frequency.
2. Press **+** or **-** to set RoadTrip to match that frequency. Press the **+** or **-** and hold to move through the frequencies quickly.

#### Setting your own presets

Do you have a long commute that has you hunting frequencies as radio stations fade in and out of range? Or are you a long-time RoadTrip user who already knows the perfect three frequencies? Either way, here's how to set your own presets for quick recall.

1. Tune your RoadTrip to the desired frequency.
2. Press **FUNCTION** → **PRESET**.
3. Press and hold **PRESET 1**, **PRESET 2** or **PRESET 3** for 2 seconds. Screen blinks once and the selected **PRESET** button lights to indicate that it is stored successfully.

(RoadTrip will automatically exit this menu after about 3 seconds.)

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#### Remove RoadTrip from your car

RoadTrip's design holds it firmly in place when fully inserted into your car's cigarette lighter or 12 V power outlet.

DO NOT GRASP ROADTRIP'S NECK AND PULL FROM YOUR CIGARETTE LIGHTER. Doing so may damage RoadTrip's flexible steel neck.

We suggest following these steps for easy, smooth removal of your RoadTrip.

1. Using your thumb and forefinger, grip RoadTrip's cigarette lighter adapter at the point it enters the cigarette lighter as shown below.
2. With your other hand, grip the cigarette lighter adapter as shown.
3. Pull gently, without twisting. Slowly increase the force of your pull if needed.

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#### Using RoadTrip's A/V Line Out Port

In vehicles with an AUX-In jack or back seat audio, RoadTrip's A/V Line Out will let you run audio directly to these. Note that when you use RoadTrip's A/V Line Out port, RoadTrip's charge will charge your iPod normally.

#### Connect your iPod for Audio only

Cars stereos with AUX Audio In give you the option to connect to your stereo with Line In-level signal.

1. Attach the included Auxiliary Audio Cable to RoadTrip's A/V Line Out port and your car stereo's AUX Audio In port.
2. That's all there is to it.

#### Connect your iPod video (5th generation only) to an in-car video system.

1. Attach a composite audio/video cable [available at electronics stores] to RoadTrip's A/V Line Out port.
2. Attach the Video, Right and Left Audio cables to your in-car entertainment system.
3. Navigate to Movies on your iPod, select the movie or video you wish to view and press play. Can someone please pass the popcorn?

Happy motoring!

Visit Griffin Support online at <http://www.griffintechnology.com/support/>

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#### Troubleshooting

Problems? No problem. Check these tips for a quick fix:

- **FM Radio**
  1. On?
  2. Tuned to unused frequency?
  3. Radio volume adjusted?
- **RoadTrip**
  1. RoadTrip and radio frequencies match?
- **iPod**
  1. Hold switch on?
  2. Play button depressed?
  3. Battery completely drained? If so, your iPod must recharge for a few short minutes before so your iPod will sense a constant current and power up.
- **Fuses**
  1. Car's Cigarette Lighter fuse good? (Consult your car's owners manual for fuse locations and specifications)
  2. RoadTrip's fuse blown? Check the replaceable fuse located near the front of the unit. An automotive blade-type mini fuse (sometimes called an ATM fuse) rated at 2 Amps can be obtained at most auto or hardware supply stores.

Problem's not solved? No problem.

Call Griffin's Customer Support at 800-208-5996. Monday - Thursday 9 am - 6 pm and Friday 9am - 5pm Central time.

Your call will be answered by real human beings who actually know and use Griffin products.

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#### Technical Specifications

- ▶ Antenna: Built-In
- ▶ Power: Provided by the 12 Volt cigarette lighter or power outlet (no batteries required)
- ▶ Input Voltage Range: 12 - 16 Volts DC
- ▶ Maximum Current: 2 Amp
- ▶ Output Voltage: 5 Volts DC at 1 Amp
- ▶ Fuse Type: 2 Amp blade-type automotive fuse
- ▶ Modulation: FM Stereo
- ▶ Available output RF range, US: 88.1 MHz - 107.9 MHz
- ▶ Radio Frequency Increments, US: 0.2 MHz per step

#### Adapters included for:

- iPod classic 80/160GB
- iPod touch
- iPod nano 3rd generation (video)
- iPod nano 2nd generation
- iPod with video [30/60/80GB] (RoadTrip will send video to an in-car video system with this model only.)

"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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.

The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

#### 1 YEAR WARRANTY

Warranty details at [www.griffintechnology.com/support/](http://www.griffintechnology.com/support/)

We stand behind every product with the industry's best customer service, backed by a simple, fair warranty. Using this product signifies your acceptance of the terms of the warranty, so please read our warranty details at [www.griffintechnology.com/support/](http://www.griffintechnology.com/support/) before using your Griffin product.

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