

## quick start guide

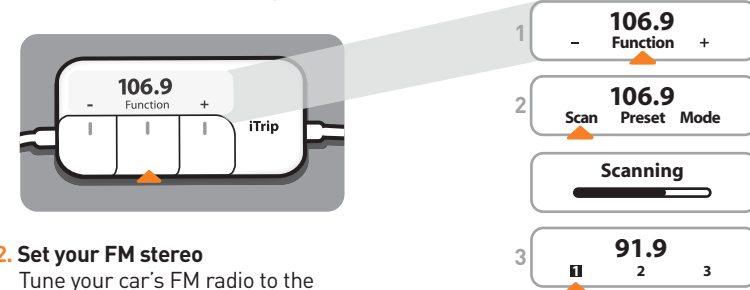
### Play

iTrip Auto with SmartScan makes playing your iPod on your car stereo easier than ever. Here's how to make it happen:

#### SmartScan for Clear Frequencies

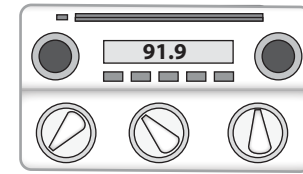
##### 1. Press FUNCTION → SCAN

SmartScan scans all available FM frequencies and saves the 3 clearest frequencies to iTrip's 3 presets. SmartScan takes about 25 seconds to complete the process, then automatically chooses the clearest frequency and displays it on iTrip's high-contrast OLED display.



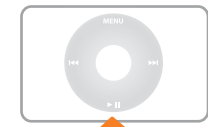
##### 2. Set your FM stereo

Tune your car's FM radio to the frequency displayed on iTrip's screen.



##### 3. Play your iPod

Press Play and enjoy the music.



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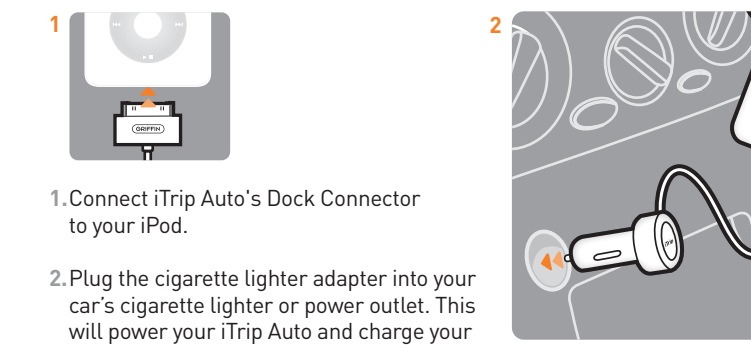


## iTrip Auto | SMARTSCAN TECHNOLOGY

Thanks for purchasing Griffin Technology's iTrip Auto with SmartScan.

The easiest way to charge and play in your car. SmartScan finds and saves the best frequencies to play your iPod on your car's FM stereo.

### Connect



1. Connect iTrip Auto's Dock Connector to your iPod.

2. Plug the cigarette lighter adapter into your car's cigarette lighter or power outlet. This will power your iTrip Auto and charge your iPod at the same time.

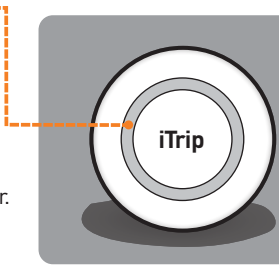
### Charge

3-stage Light Ring

**Red LED is on:** iTrip is correctly plugged in, ready to charge your iPod and operate the iTrip transmitter.

**Amber LED is on:** iTrip is charging your iPod and is providing power to iTrip's FM transmitter.

**Green LED is on:** Your iPod is fully charged and there is power to iTrip's FM transmitter.



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## iTrip Auto | SMARTSCAN TECHNOLOGY

### Using Other Frequencies

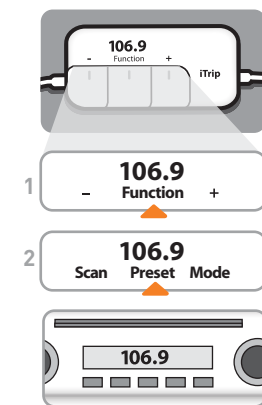
In areas with numerous overlapping radio stations, you may need to switch frequencies to get the best possible sound, depending on your location. Here's how:

#### Using the presets

##### 1. Press FUNCTION → PRESET

Select any of the three saved presets. (iTrip will exit this menu automatically after about 3 seconds.)

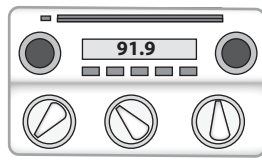
2. Tune your car's FM radio to the new frequency displayed on iTrip's screen.



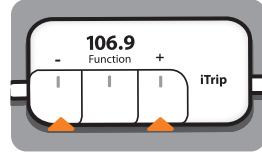
#### Tuning Manually

Manual tuning is a reverse of the SmartScan process; you tune your car stereo first, then adjust iTrip 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 iTrip to match that frequency. Press the + or - and hold to move through the frequencies quickly.



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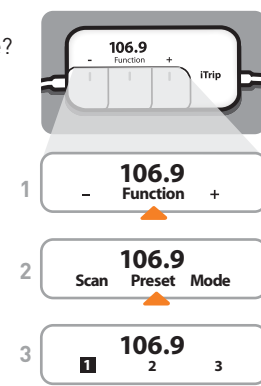
### Setting your own presets

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 iTrip user who already knows the perfect three frequencies? Either way, iTrip lets you set your own presets for quick recall.

##### 1. Tune your iTrip to the desired frequency.

2. Press FUNCTION → PRESET (iTrip will automatically exit this menu after about 3 seconds.)

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.



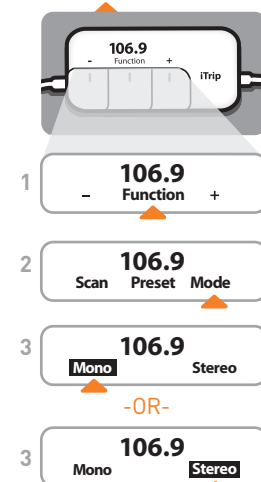
### Stereo or Mono for Best Sound

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.



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### Troubleshooting

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

#### FM Radio

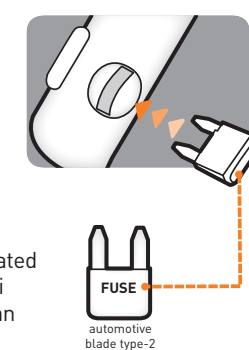
- On?
- Tuned to unused frequency?
- Radio volume adjusted?

#### iTrip

- Has iTrip gone in low power mode? iTrip goes in a power-saver mode after an extended period of no music. To get the music going again, just press Play on your iPod, or disconnect and reconnect iTrip to your iPod.
- iTrip and radio frequencies match?

#### iPod

- Hold switch on?
- Play button depressed?
- 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

- Car's Cigarette Lighter fuse good? (Consult your car's owners manual for fuse locations and specifications)
- iTrip Auto'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.

\*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.

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## quick start guide

### Technical Specifications

Built for iPod models that use the full-size Dock Connector.

Transmitter Dimensions: 2.2" L x 1.02" D x .43" H (58mm L x 26mm D x 11mm H)

Total Length: 44.5" (115.6cm)

Weight: 56g

Antenna: Built-in

Power: Provided by 12 Volt cigarette lighter or power outlet (no batteries required)

Input voltage range: 12 - 16 Volts DC

Maximum current: 2 Amp

Output voltage: 5.2 Volts DC at 1 Amp

Fuse type: 2 Amp blade-type automotive fuse

Modulation: FM Stereo

Available output RF ranges (region preset at factory):

U.S.: 88.1 MHz ± 107.9 MHz

Japan: 76.0 MHz ± 90.0 MHz

Other Countries: 88.0 MHz ± 108.0 MHz

Radio Frequency Adjustment Increments:

Japan: 0.1 MHz per step

U.S. and Other Countries: 0.2 MHz per step

Radio Frequency Response: 50 Hz ± 15 kHz

Operating Range: 10 - 30 feet (-3m-9.1m)



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 from authorized radio communication systems. The manufacturer is not responsible for any radio or television 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/)

Griffin stands behind every product with the industry's best customer service, backed by a simple, fair warranty. Please read our warranty details at [www.griffintechnology.com/support/](http://www.griffintechnology.com/support/) before using this Griffin product.

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