# USA•SPEC

# START GUIDE

# BT45-AUX

## UNIVERSAL
## BLUETOOTH® PHONE & MUSIC INTERFACE

# TABLE OF CONTENTS

## SUPPORT

This guide provides you with the information you need to get started.

For more information and additional support, please visit www.usaspec.com where you can:

- Review the product's User Manual, warranty policy, and troubleshooting FAQs.
- Watch how-to videos

To contact our customer service team, please
email info@usaspec.com
or call (626)333-3836 Mon-Fri 9am-5pm PST

# PRODUCT OVERVIEW

## BT45-AUX: Universal Bluetooth ® Phone & Music Interface

- Designed to work with any vehicles with factory AUX ports or any USA SPEC PA series interfaces.
- Multi-point technology lets you connect two devices at the same time
- Use the included wireless remote control to answer & reject phone calls, control music playback, and to activate voice command (Siri, Google Now, & etc.)
- All speaker playback on both phone calls and media streaming for dynamic and rich audio quality
- Built-in echo & noise cancellation for crystal clear phone call quality

## COMPATIBILITY

- Any vehicles with a factory 3.5mm AUX input
- Any vehicles with an existing USA SPEC PA series interface
- Any Bluetooth devices (smartphone, tablet, etc) with Bluetooth profile HFP and A2DP 2.0 or higher

# INSTALLATION

We recommend that the BT45 be installed by a qualified professional since all installation will involve cutting into factory wirings.

**ACC** : to electric terminal controlled by ignition switch (12V DC) ON/OFF

**12V**: to battery's positive terminal

**Mute**: optional[1]

**GND** (ground): to battery negative terminal or metal chassis

**TelOut**[+] (white): optional[1]

**TelOut**[-] (gray): optional[1]
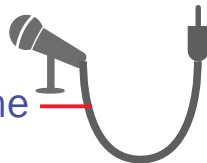
power & phone/mute cable

To module's Radio/Power port

interface module
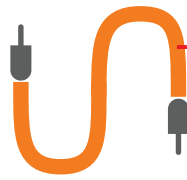
USA·SPEC
BT45-AUX
FOR EVERYTHING

MIC        AUX1 or (AUX2)[2]

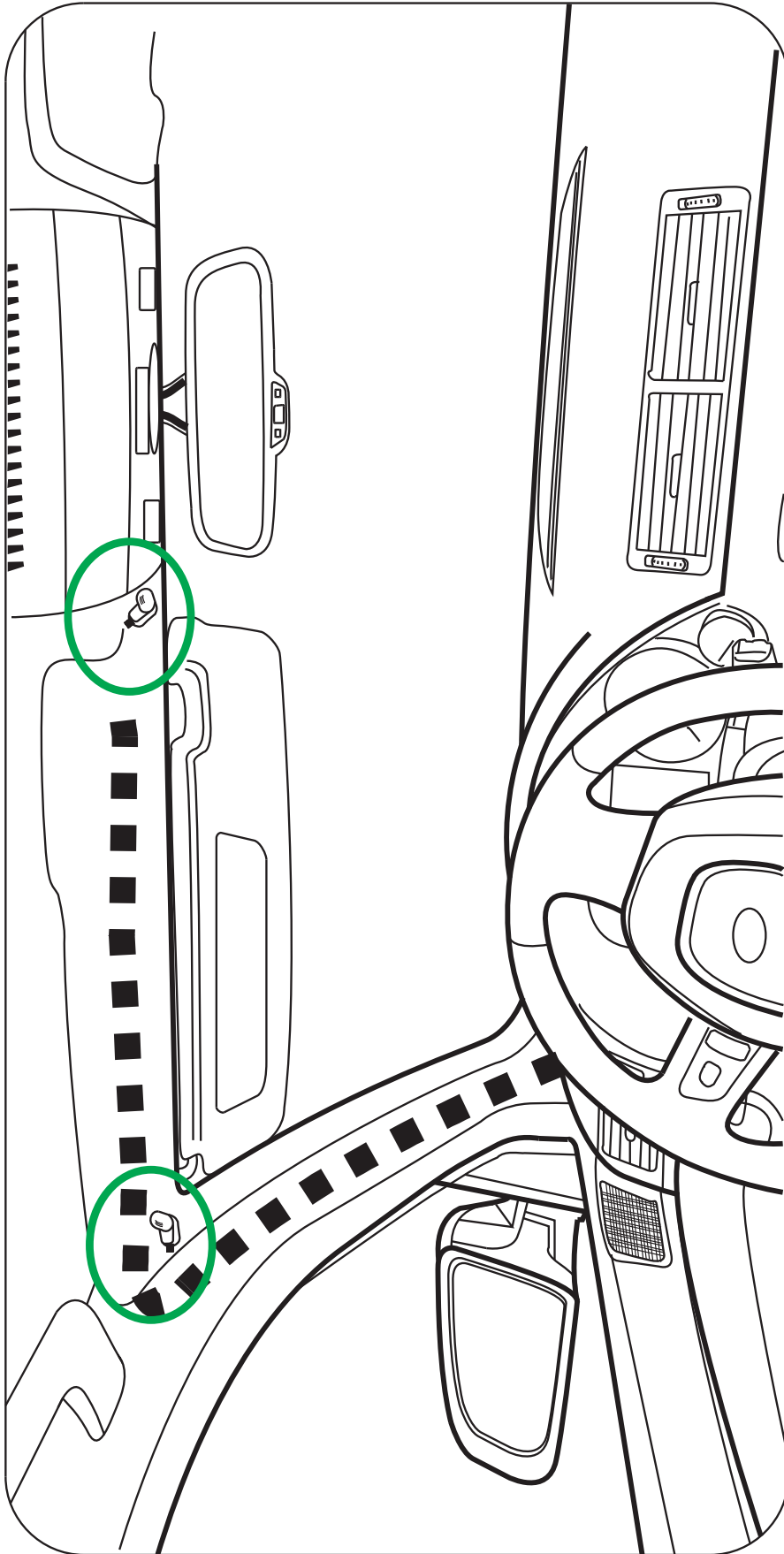3.5mm AUX cable

microphone

See p. 4 for recommended microphone locations

To factory AUX IN or USA SPEC PA serie's RCA port

1. The Mute, Tel Out+, and Tel Out-  wires are for additional features available to radios with negative mute functions.  Please consult with your installation professional for details.
2. Try the AUX2 port in you are experiencing engine noise

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## PAIRING BLUETOOTH DEVICES (SMARTPHONES)

1.  Enable the Bluetooth function on your device (smartphone) and make sure it's discoverable
2.  Search for available devices
3.  Turn your vehicle's ignition ON
4.  Press the AUX button on your radio to set it in AUX mode
5.  Select BT45-AUX from the list of available devices to start the pairing process
6.  Once the pairing process is complete you will hear the "CONNECTED" voice prompt

## Voice Prompt + Caller Number Announcement

This feature is enabled by default. To disable the feature please see page 8.

## Pairing 2nd Device (Multi-point)

1.  **Turn your vehicle's ignition OFF**
2.  **Disable the Bluetooth function on your 1st (already paired) device**
3.  Enable the Bluetooth function on your 2nd device and search for available devices
4.  Turn your vehicle's ignition ON
5.  Press the AUX button on your radio
6.  Select BT45-AUX from the list of available devices to start the pairing process
7.  Wait for the "CONNECTED" voice prompt confirmation
8.  Turn the ignition OFF
9.  Enable Bluetooth functions on BOTH devices
10. Turn the ignition back ON
11. Both devices will automatically be connected to BT45-AUX. You will hear "CONNECTED, CONNECTED" confirming both devices have been successfully connected.
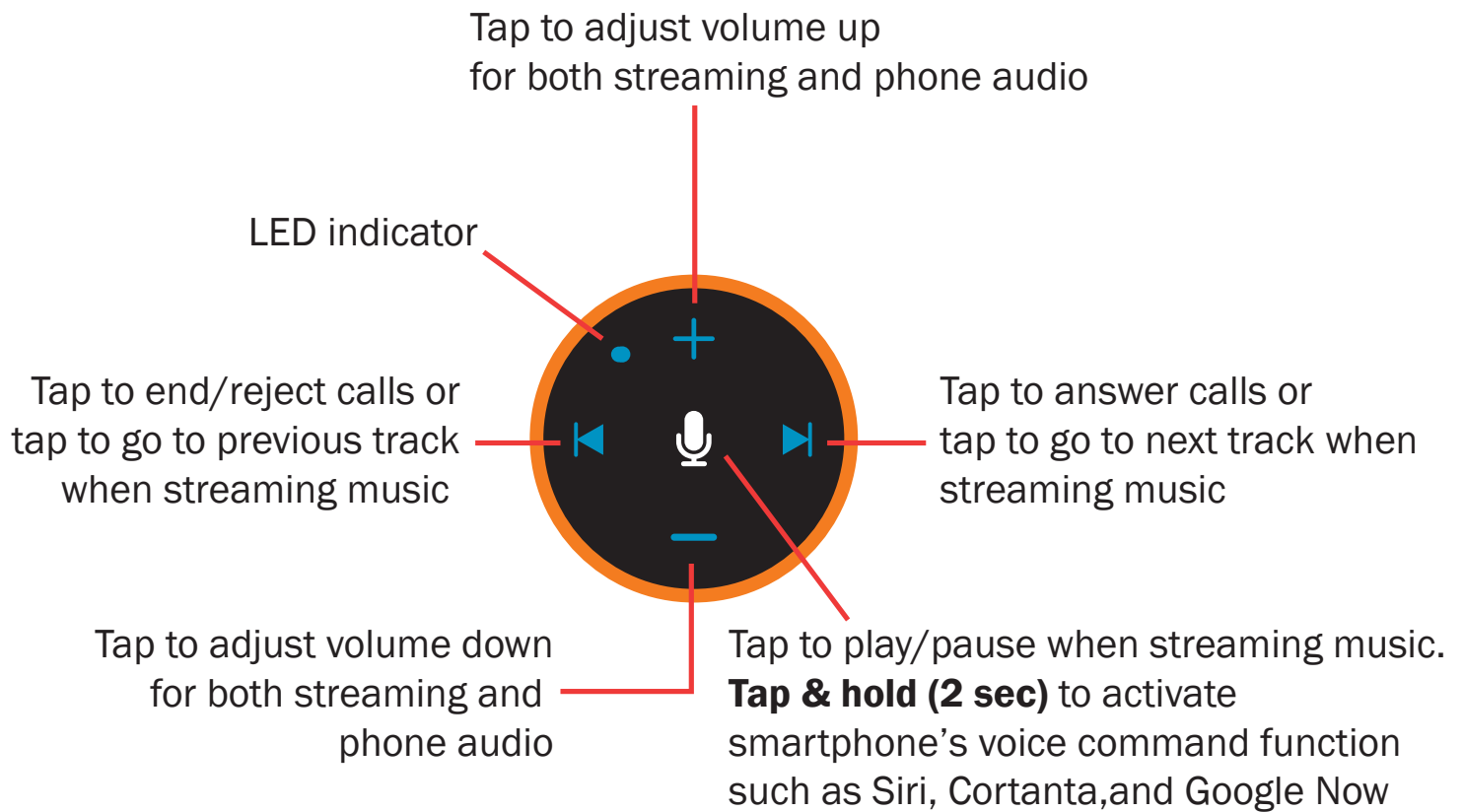
## WIRELESS REMOTE CONTROL

1. Twist open the remote control's bottom cap
2. **Remove the battery's protective film**
3. Close the cap
4. Use the enclosed double-side tape to place the remote control at a location that is most convenient for you. Please avoid placing it over or around any airbags, or under direct sunlight.

### Remote Control Low Battery Indicator

1. The LED on the remote control will blink 10 times to indicate that battery is low. Please replace it with a 3V CR2032 battery.
2. Turn vehicle's ignition OFF
3. Twist the remote control's bottom cap off and remove the battery from its housing
4. Turn vehicle's ignition ON and **within 60sec** insert the replacement battery in the housing.
5. You will hear a long beep through your radio (make sure it is in AUX mode) at the same time the remote control's LED will turn solid blue followed by 10 flashes.
6. If you do not see it flash 10 times then repeat Step 2-5.
   - If your remote control is not functioning properly upon initial setup then please perform step 2-6

# Remote Control Functions

Tap to adjust volume up
for both streaming and phone audio

LED indicator

Tap to end/reject calls or
tap to go to previous track
when streaming music

Tap to answer calls or
tap to go to next track when
streaming music

Tap to adjust volume down
for both streaming and
phone audio

Tap to play/pause when streaming music.
**Tap & hold (2 sec)** to activate
smartphone's voice command function
such as Siri, Cortanta,and Google Now

# Enable/Disable Voice Prompt + Caller Number Announcement

1. Pause all media streaming and end any active calls
2. Tap ▶| to enable the feature: you will hear "Voice Enabled"
3. Tap |◀ to disable the feature: you will hear "Voice Disabled"

## MEDIA STREAMING

If you have 2 devices connected to the BT45-AUX at the same time, you can stream audio from either one.

1. Manually launch your preferred music/audio app such as Spotify, YouTube, Podcast app, & etc. from your device.
2. Once started you can then use the remote control to adjust volume, track up/down, pause & play.
3. To switch between the 2 devices, simply pause device #1's playback and press play on device #2 and vice versa.

## HANDS FREE PHONE CALL

### Answer and End Calls

1. Press the AUX button on radio if you are not already in the AUX mode.
2. To answer a call tap ▶| on the remote control or answer from your phone directly*.
3. To reject or end a call tap |◀
4. Phone call audio can be adjust via the remote control, phone control, or radio/steering wheel control.

* If you answered a call from your iPhone directly, the phone call audio will go through the iPhone. You must then select BT45-AUX from your iPhone screen to re-direct the call.

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## Make Calls

1. Tap 🎤 on the remote control to initiate smartphone's voice command to make a call or make the call directly from your phone.

2. Tap ◀ to end call

- Please keep in mind that the environment inside a moving vehicle tends to be noisier than your average environment. This will affect how accurately your phone's voice recognition function picks up your voice command.

# TROUBLE SHOOTING

- **My wireless remote control does not work (the LED indicator will not light up when I tap the function icons).**

    1. Make sure the battery's protective film has been removed.

    2. Perform p.7 's step 2-5 under the "Low Battery" section.

- **I don't hear the "connected" voice prompt when I start my car.**

    1. Make sure your radio is in AUX mode. If you're in AM/FM or CD/SAT mode then you will not hear either the voice prompt or the caller # announcement.

    2. Make sure the voice prompt feature is enabled,

- **My device's been paired and connected, but the audio streaming audio is not coming through my car's speakers.**

    Make sure the 3.5mm AUX cable is pushed all the way into the factory AUX port.

- **No matter how I adjust, both my phone call and streaming audio level is very low.**

    1. Check your factory radio settings.  Some radios' AUX volume control might be independent from AM/FM.

    2. **While you're in a call**, adjust the volume on **your phone to MAX** then use the remote control to adjust the volume to the desired level.