JW
JUST WIRELESS

Wireless Hands-Free Bluetooth® FM Transmitter

User Guide

▶ SAFETY INSTRUCTIONS

Please read all safety warnings carefully before using this product. Improper use of this product may result in damage to this or attached products.
DO NOT DISASSEMBLE and DO NOT USE if:
• Moist, wet or underwater
• Near high heat or under high temperatures
• Under direct sun light
• If the product is broken or damaged

▶ PACKAGE CONTENTS

1. Bluetooth FM Transmitter (20088)
2. User Guide

▶ SPECIFICATIONS

• **Model/SKU: 20088**
• Bluetooth JL chipset: version 5.3
• Support protocol: AVRCP, HFP, A2DP
• Frequency range: 87.5-108.0MHZ
• Bluetooth range: 32 feet / 10 meters (max)
• FM Transmission range: 6 feet (max)
• USB File formats: MP3 / WMA / WAV / APE / FLAC
• Charging ports (30W Total):
  • USB-A High Power Port (**18W Max**)
  • USB-C® Charging Port (**12W Max**)
• Low battery voltage alert
• Equalizer: Bass Boost function
• Display: Red LED
• Material: ABS + PC
• Product dimensions: 83.6 * 48.5 * 48.5 mm
• Weight: 41.2G

2

▶ FEATURES

• Bluetooth Hands-Free Phone Calls
• Bluetooth Music Streaming from Your Phone
• Seamless Switching between Calls and Music
• Multi-Function Button for Enhanced Driving Safety
• Noise Cancelling Microphone for Premium Clarity
• Large USB Capacity (Up to 64GB)
• USB-C Charging Port (12W)
• USB High Power Charging Port (18W)
• Car Battery Voltage Detection
• Over-Current, Short-Circuit, Over-Temperature, and Over-Voltage Protection.

▶ WARRANTY & SUPPORT

This product is covered by our Lifetime Warranty. Please visit **JustWireless.com for support.**

▶ LEGAL REQUIREMENTS

USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.
Bluetooth and associated product marks are the trademarks of an independently owned and operated company. This product has not been licensed by this company.

www.JustWireless.com
140 58th St., Brooklyn, NY 11220
© 2023 Just Wireless
SKU 20088 REV042023

3

JW
JUST WIRELESS

4

▶ YOUR FM TRANSMITTER

Review your device buttons layout and functionality.

1. USB Audio port (can also slow charge)
2. USB-C Charging port (12W)
3. USB-A High Power Port (18W)
4. LED Display
5. Microphone (Noise cancelling)
6. Bass Boost button
7. Previous track / Frequency adjust (down)
8. Multi-function Knob (Press / Rotate)
9. Next track / Frequency adjust (up)

5

▶ GETTING STARTED

1. Plug the FM transmitter into your vehicle's power port. Your vehicle's battery voltage will flash on screen, a a three digit number from 5 to 25.
2. If "bt" flashes continuously, your FM Transmitter is ready to pair with your Bluetooth device. Follow the steps in "**Pairing your Bluetooth device**."
3. Once the screen displays a fixed number, your device is ready and transmitting to the displayed frequency, e.g.: 103.5.

▶ PAIRING YOUR BLUETOOTH DEVICE

1. While the FM transmitter flashes "bt" on screen, go to your device's Bluetooth settings and choose "**Just Wireless**" from the discovered devices list. If prompted for a password or PIN, enter "**0000**".
2. You should see a fixed number displayed on the screen. Your FM transmitter is connected and transmitting to the displayed frequency, e.g.: 103.5.
3. To pair a different device, go to your connected device Bluetooth settings, choose "Just Wireless" and then "Forget this device". The FM Transmitter will flash "bt" continuously. Go to Step 1 to connect your new device.

▶ TRANSMITTING TO YOUR RADIO

1. On your car's radio, find an unused FM radio frequency (one with noise and no other sounds to avoid interference.)
2. Adjust the transmission frequency on your FM transmitter. Long press the knob ❽ until the numbers on screen begin flashing. Adjust the FM frequency

6

by rotating the knob ❽ or pressing the arrows ❼ and ❾. Press the knob ❽ one more time to confirm your selection.

▶ PLAYING FROM USB MEMORY

• Insert your USB drive on the left USB port ❶. The music will start playing automatically.
• If your music does not play, check your USB memory is formatted correctly (FAT/FAT32) and that your audio files are supported (MP3/WMA/WAV/APE/FLAC).

▶ OPERATING INSTRUCTIONS

PHONE CALL MODE	
Answer / End	Press Knob ❽
Redial	Press Knob ❽ Twice
Switch between calls	Long Press Knob ❽
New Call	Use your phone to dial
Call Volume	Rotate Knob ❽ left or right
BLUETOOTH MUSIC STREAMING MODE	
Start Playing	Start playing music in your Bluetooth device
Play / Pause	Press Knob ❽
Next / Previous Track	Press ❼ or ❾ to skip tracks
Volume	Rotate Knob ❽ left or right

7

USB MEMORY PLAYBACK MODE	
Play / Pause	Press Knob ❽
Next / Previous Track	Press ❼ or ❾ to skip tracks
Volume	Rotate Knob ❽ left or right
GENERAL INFORMATION	
Bass Boost	Press Bass button ❻, b0 = OFF, b1 = ON
Flashing "bt"	Device ready to pair using Bluetooth
Flashing number E.g.: 106.2	You are in frequency adjust mode. Rotate knob ❽ to adjust frequency, press knob once more to confirm.
U00-U30	Current volume level
Fixed number on screen	Your selected transmission frequency
Flashing number E.g.: 10.2	Your car's battery voltage is below recommended levels

8