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> Joanbro IR-1 Infrared Wireless Car Headphones User Manual

Joanbro IR-1

Joanbro IR-1 Infrared Wireless Car Headphones User Manual

Model: IR-1 | Brand: Joanbro

1. INTRODUCTION

Thank you for choosing Joanbro IR-1 Infrared Wireless Car Headphones. These headphones are designed to provide a personal audio experience for passengers in vehicles equipped with an infrared (IR) entertainment system. They offer both wireless and wired connectivity options, ensuring versatile use. Please read this manual thoroughly to understand the features, setup, and operation of your new headphones.



This image displays two Joanbro IR-1 Infrared Wireless Car Headphones, showcasing their design and compact

form factor.

2. SAFETY INFORMATION

- Do not expose the headphones to extreme temperatures, moisture, or direct sunlight.
- Keep out of reach of small children to prevent choking hazards from small parts.
- Use only AAA alkaline batteries. Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the headphones will not be used for an extended period.
- Avoid listening at high volume levels for prolonged periods to prevent hearing damage.

3. PACKAGE CONTENTS

Ensure all items are present in the package:

- Joanbro IR-1 Wireless Car Headphones (Quantity as purchased)
- 3.5mm Audio Cable
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your Joanbro IR-1 headphones:



Receiving Frequency:

A Channel: L/2.3MHz, R/2.8MHz

B Channel: L/3.2MHz, R/3.8MHz

A detailed diagram illustrating the components of the Joanbro IR-1 headphone, including the elasticated headband, working indicator, power switch (ON/OFF), volume control knob, audio in jack/share port, A/B channel switch, and battery compartment for 2 AAA batteries.

- **Elasticated Headband:** Adjustable for comfortable fit.
- **Working Indicator:** Lights up when the headphones are powered on and receiving a signal.
- **Power ON/OFF Switch:** To turn the headphones on or off.
- **Volume Control Knob:** Adjusts the audio output level.
- **Audio In Jack/Share Port:** For wired connection or sharing audio with another wired headset.
- **A/B Channel Switch:** Selects between two infrared audio channels.
- **Battery Compartment:** Holds 2 AAA batteries (not included).

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment cover on one of the earpieces.
2. Gently slide or open the cover.

3. Insert 2 AAA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

5.2 Initial Connection (Wireless Mode)

1. Ensure your vehicle's DVD/video system is turned on and transmitting an infrared audio signal.
2. Slide the Power ON/OFF switch on the headphones to the 'ON' position.
3. The working indicator light should illuminate.
4. Select the appropriate channel (A or B) using the A/B Channel Switch to match your vehicle's IR transmitter.
5. Adjust the volume using the Volume Control Knob to a comfortable listening level.
6. Ensure a clear line-of-sight between the headphones and the vehicle's IR transmitter for optimal signal reception. The optimum receiving distance is approximately 6 feet.



*For headphones to work with TV,
you must buy an IR transmitter.*

A diagram illustrating the optimum infrared receiving distance for the headphones in a car, showing a ceiling-mounted DVD player transmitting a signal to a headphone user, with an optimal range of 6 feet.

6. OPERATING INSTRUCTIONS

6.1 Wireless Mode

Once connected wirelessly, you can enjoy audio from your vehicle's entertainment system. The headphones support two channels (A and B), allowing different audio sources if your vehicle supports it.



Give your children the most comfortable and entertaining experience, leave you with peace.

This image depicts two headphones, one labeled 'Channel A' and the other 'Channel B', indicating the ability to switch between two infrared audio channels for different entertainment sources.

6.2 Wired Mode

The headphones can also be used in wired mode with any device featuring a standard 3.5mm audio jack. This mode does not require batteries.

1. Connect one end of the included 3.5mm audio cable to the Audio In Jack/Share Port on the headphones.
2. Connect the other end to the audio output jack of your desired device (e.g., smartphone, tablet, portable DVD player).
3. Ensure the headphones are turned OFF when using wired mode to conserve battery life, though they will function without power.



Enjoy a Happy Road Trip Without Disturbing Others

The image shows the Joanbro IR-1 headphone connected via a 3.5mm audio cable for wired use, highlighting its compatibility with various devices like computers, laptops, tablets, and smartphones.

6.3 Audio Sharing Mode

You can share audio from your Joanbro IR-1 headphones with another wired headset using the Audio In Jack/Share Port.

1. Ensure your Joanbro headphones are receiving audio (either wirelessly or via wired connection).
2. Connect a second wired headset with a 3.5mm plug to the Audio In Jack/Share Port of the Joanbro headphones.
3. Both headsets will now receive the same audio.

Wired mode



This image demonstrates the sharing mode, where a wired headset can connect to the Joanbro IR-1 headphone's share port using a 3.5mm plug to share audio.

6.4 Automatic Shut-Off

The headphones feature an automatic shut-off function. If no wireless signal is received for approximately 10 minutes, the headphones will power off automatically to conserve battery life.

7. COMPATIBILITY

The Joanbro IR-1 headphones are compatible with most vehicles equipped with a factory or aftermarket DVD/Video System that uses IR (infrared) technology. Please note the following:

- **DO NOT SUPPORT DIGITAL IR systems.**
- Users must be sitting in the rear seat of the vehicle with a clear line-of-sight to the DVD player/IR transmitter.

Refer to the compatibility chart below for specific vehicle models and years:

COMPATIBILITY

for:

Honda	Odyssey 2003-2023 Accord 2003-2023 Ridgeline 2006-2023 Acura MDX 2003-2023	Pilot 2002-2023 CR-V 2003-2023 Acura RDX 2006-2023	Chrysler	Town and Country 2006-2018 (Compatible with 2013-2018 Town and Country BLURAY (NOT DVD) system.) Voyager 2008-2016, 2020-2021 Aspen 2002-2017 300 2006-2021 PT Cruiser 2002-2014 Pacifica 2004- 2008(Compatible with 2017-2021 Chrysler Pacifica Ceiling Mounted Screens. NOT COMPATIBLE with Pacifica Dual Seatback Screens)
Dodge	Grand Caravan 2002-2020 Charger 2006-2022 Journey 2006-2020 Avenger 2002-2016 Challenger 2002-2016 Magnum 2002-2018	Durango 2006-2022 Ram 1500 2002-2022 Caliber 2002-2016 Dakota 2002- 2016	Nissan	Armada 2004-2021 Pathfinder 2005-2021 Quest 2004-2021 Murano 2005-2021 Titan 2006-2021
Toyota	4Runner 2005-2021 Land Cruiser 2006-2021 Sequoia 2005-2021 Tundra 2006-2021 Venza 2009-2017 2020-2021	Highlander 2006-2021 Rav4 2006-2021 Sienna 2004-2021 Tacoma 2004-2021	GMC	Yukon (XL) 2002-2016 Denali (Trim) 2002-2017 Canyon& Colorado 2004-2017 Envoy 2004-2009 Terrain 2009-2017 Acadia 2002-2017 Sierra 2003-2017 Savana 2002-2017
Chevy	Suburban 2002-2016 Avalanche 2002-2013 Silverado 2002-2016 Equinox 2002-2020	Tahoe (Trim) 2000-2016 Uplander 2002-2016 Traverse 2002-2020	Infiniti	JX 2012-2021 M 2006-2020 FX 2003-2021 QX 2004-2021
Jeep	Commander 2002-2016 Grand Cherokee 2002-2022 Renegade 2014-2022 Gladiator 2020-2022	Compass 2002-2022 Patriot 2007-2017 Wrangler 2006-2022	Hyundai	Entourage 2006-2009 Tucson 2005-2021 Genesis 2009-2017 Santa Fe 2000-2021 Veracruz 2007-2021
Lexus	GX 2004-2021 LX 2004-2021 RX 2004-2021	LS 2006-2021 NX 2014-2021	Pontiac	Montana SV6 2002-2016
Buick	Enclave 2002-2017 Rendezvous 2004-2017 Encore 2016-2017	Terraza 2002-2016 Rainier 2003-2017 Envision 2016-2017	Cadillac	Escalade 2002-2016 Escalade EST & ESV 2004-2016 SRX 2004-2016
Audi	A3 2005-2017 Q5 2005-2017	Q3 2005-2017 Q7 2005-2017	Volkswagen	Routan 2008-2014 Toureg 2006-2017 Tiguan 2007-2017
Ford	Flex 2009-2020 Freestar 2004-2008 Escape 2001-2022 Bronco 2021-2022 Taurus & Taurus X 2008-2017 Excursion 2002-2005 F-150, F-250, F-350 2001-2022 Invision for Ford Factory Entertainment Systems	Expedition 2001-2023 Explorer 2001-2022 Edge 2006-2022 Freestyle 2005-2007	SATURN	Relay 2002-2016 Outlook 2002-2016
			Kia	Borrego 2007-2021 Sorento 2006-2021 Frontier 2015 Sedona 2006-2021 Sportage 2006-2021

Work with most aftermarket installed DVD or BLURAY systems!

*** Compatibility can vary due to model. Other Vehicles may be compatible.**

This chart lists compatible vehicle models and years for the Joanbro IR-1 headphones, including Honda, Chrysler, Dodge, Toyota, Chevy, Jeep, Lexus, Nissan, GMC, Infiniti, Hyundai, Pontiac, Cadillac, Buick, Audi, Ford, Volkswagen, Saturn, and Kia.

Vehicle Compatibility Chart

Brand	Compatible Models & Years
Honda	Odyssey 2003-2023, Accord 2003-2023, Ridgeline 2006-2023, Acura MDX 2003-2023, Pilot 2002-2023, CR-V 2003-2023, Acura RDX 2006-2023
Chrysler	Town & Country 2006-2018 (compatible with 2013-2018 BLURAY, NOT DVD systems), Voyager 2008-2020, Aspen 2007-2009, 300 2006-2021, 200 2011-2014, Pacifica 2004-2008 (compatible with 2017-2021 Chrysler Pacifica Ceiling Mounted Screens, NOT compatible with Pacifica Dual Seatback Screens)
Dodge	Grand Caravan 2002-2020, Charger 2006-2022, Journey 2006-2020, Avenger 2002-2016, Challenger 2002-2016, Magnum 2002-2018, Durango 2006-2022, Ram 1500 2002-2022, Caliber 2002-2016, Dakota 2002-2016
Toyota	4Runner 2005-2021, Land Cruiser 2006-2021, Sequoia 2005-2021, Tundra 2006-2021, Venza 2009-2017, Highlander 2006-2021, Rav4 2006-2021, Sienna 2004-2021, Tacoma 2004-2021

Brand	Compatible Models & Years
Chevy	Suburban 2002-2016, Avalanche 2002-2013, Silverado 2002-2016, Equinox 2002-2020, Tahoe (Trim) 2000-2016, Uplander 2002-2016, Traverse 2002-2020
Jeep	Commander 2002-2016, Grand Cherokee 2002-2022, Renegade 2014-2022, Gladiator 2020-2022, Compass 2002-2022, Patriot 2007-2017, Wrangler 2006-2022
Lexus	LX 2004-2021, RX 2004-2021, LS 2006-2021, NX 2014-2021
Nissan	Armada 2004-2021, Pathfinder 2005-2021, Quest 2004-2021, Murano 2005-2021, Titan 2006-2021
GMC	Yukon (XL) 2002-2016, Denali (Trim) 2002-2017, Canyon & Colorado 2004-2017, Envoy 2004-2009, Terrain 2009-2017, Acadia 2002-2017, Sierra 2003-2017, Savana 2002-2017
Infiniti	JX 2012-2021, M 2006-2020, FX 2003-2021, QX 2004-2021
Hyundai	Entourage 2006-2009, Tucson 2009-2017, Genesis 2009-2017, Santa Fe 2000-2021, Veracruz 2007-2021
Pontiac	Montana SV6 2002-2016, Terrazza 2002-2016
Cadillac	Escalade 2002-2016, Escalade ESV & EXT 2004-2016, SRX 2004-2016
Buick	Enclave 2002-2017, Rendezvous 2004-2017, Encore 2016-2017, Rainier 2002-2017, Envision 2016-2017
Audi	A3 2005-2017, Q5 2005-2017, Q7 2005-2017
Ford	Flex 2009-2020, Freestar 2004-2008, Escape 2001-2022, Bronco 2021-2022, Taurus & Taurus X 2008-2017, Excursion 2002-2005, F-150, F-250, F-350 2001-2022, Expedition 2001-2023, Explorer 2001-2022, Edge 2006-2022, Freestyle 2005-2007
Volkswagen	Routan 2008-2014, Touareg 2006-2017, Tiguan 2007-2017
Saturn	Relay 2002-2016, Outlook 2002-2016
Kia	Borrego 2007-2021, Sorento 2006-2021, Frontier 2015, Sedona 2006-2021, Sportage 2006-2021

8. MAINTENANCE

8.1 Cleaning

Wipe the headphones with a soft, dry cloth. Do not use abrasive cleaners or solvents.

8.2 Ear Cushion Replacement

If the ear cushions become worn or damaged, they can be replaced. Follow these steps:



A step-by-step visual guide demonstrating how to replace the ear cushions on the Joanbro IR-1 headphones, involving finding the U-shaped groove, pulling the inner lip, hooking it, and rotating to secure.

1. Find the U-shaped groove in the outer rim of the ear cup.
2. Pull the inner lip of the ear cushion to expand it.
3. Hook the inner lip to the middle of the U-shaped groove.
4. Press the ear cushion firmly with your fingers and rotate it counterclockwise until it attaches firmly and uniformly onto the entire ear cup.
5. Repeat for the other side.

9. TROUBLESHOOTING

- **No Sound in Wireless Mode:**
 - Ensure batteries are correctly installed and not depleted.
 - Check if the headphones are powered ON.
 - Verify the A/B channel switch matches your vehicle's IR transmitter.
 - Ensure a clear line-of-sight to the IR transmitter. Obstructions can block the signal.
 - Increase the volume on both the headphones and the vehicle's entertainment system.
 - Confirm your vehicle's system is transmitting an analog IR signal (not digital IR).
- **Poor Sound Quality/Static:**
 - Move closer to the IR transmitter or adjust your seating position for better line-of-sight.
 - Check for any strong light sources or electronic devices that might interfere with the IR signal.
 - Ensure batteries are not low.

- **No Sound in Wired Mode:**

- Ensure the 3.5mm audio cable is fully inserted into both the headphones and the audio source device.
- Check the volume on the audio source device.
- Test the cable with another device if possible to rule out a faulty cable.

10. SPECIFICATIONS

Feature	Detail
Model Name	IR1
Connectivity Technology	Wireless (Infrared), Wired (3.5mm Jack)
Wireless Communication Technology	Infrared
Frequency Range	20Hz - 20,000Hz
Power Source	2 x AAA Alkaline Batteries (not included)
Control Type	Volume Control, Channel Switch
Special Feature	Lightweight, Auto Shut-off
Item Weight	0.634 ounces (approx. 18g)
Ear Placement	Over Ear
Color	Black+White

11. WARRANTY AND SUPPORT

Joanbro products are manufactured to high-quality standards. For any issues or support inquiries, please refer to your purchase documentation or contact the retailer. Specific warranty details may vary by region and retailer.

12. DISPOSAL INFORMATION

Please dispose of this product and its batteries responsibly according to local environmental regulations. Do not dispose of with general household waste.

