



Aluratek ABC53F Bluetooth Audio Receiver & Transmitter Quick Start Guide

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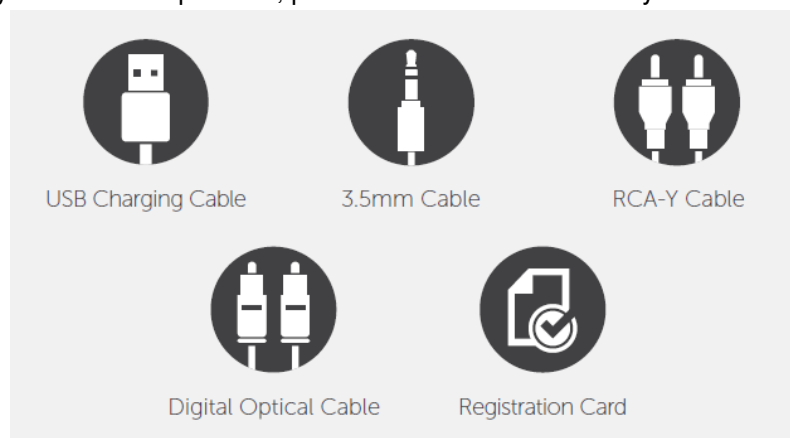


Aluratek ABC53F Bluetooth Audio Receiver & Transmitter

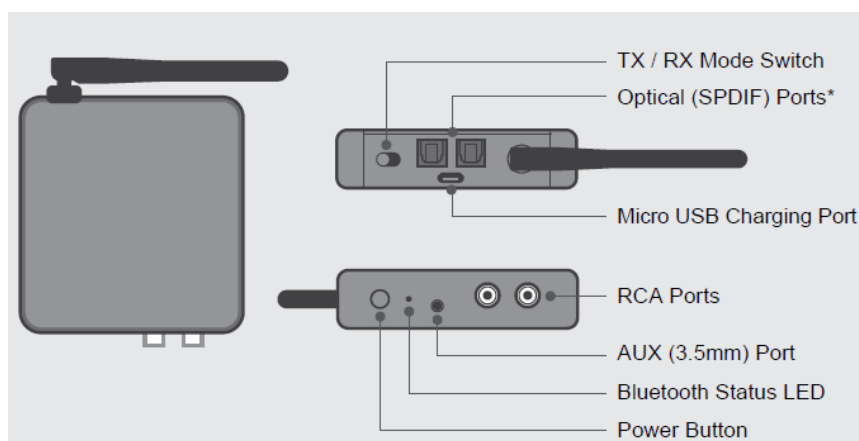


Package Contents

Your order has been carefully packaged and inspected. The following accessories should be included in your package. Please inspect the contents of the package to ensure that you have received all items and that nothing has been damaged. If you discover a problem, please contact us immediately for assistance.

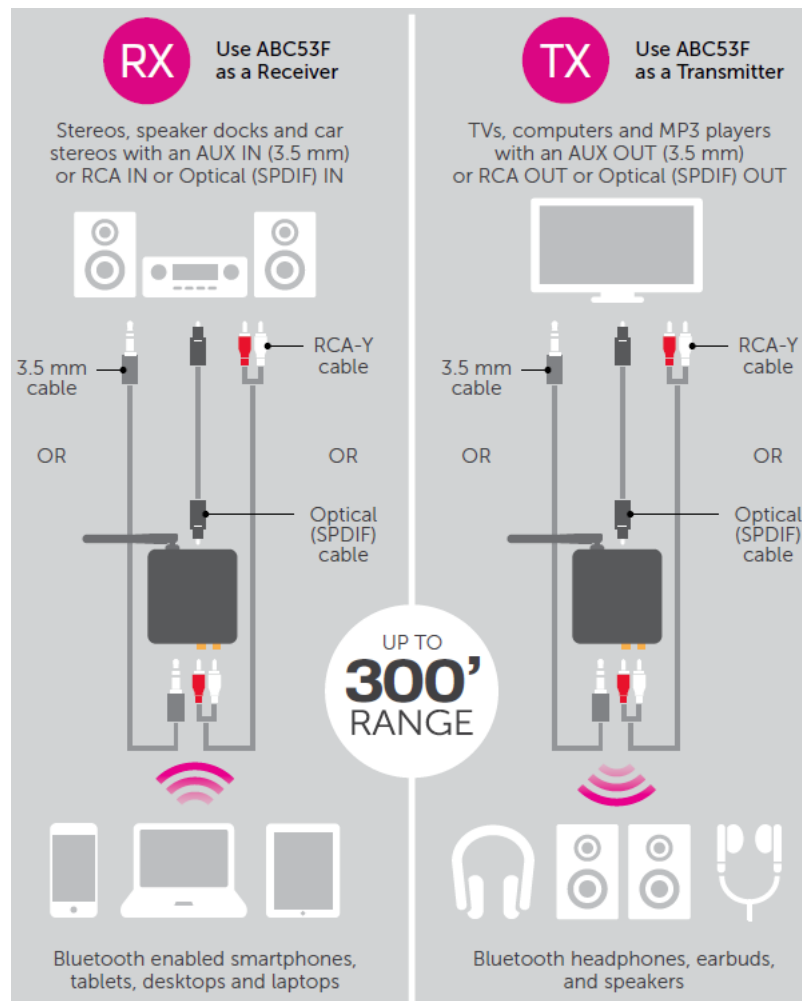


Product Highlights



*In SPDIF mode, connect devices through SPDIF IN for TX mode and SPDIF OUT for RX mode

Product Application



Operation

Control Functions

<i>Control Functions</i>	
Function	Operation
Power ON	When OFF, press and hold the Power Button for 3 seconds until the blue LED flashes
Power OFF	When ON, press and hold the Power Button for 3 seconds until the red LED flashes
Pairing	When powered on, press the Power Button twice to start pairing (LED flashes red and blue for RX, LED flashes blue for TX)
Mode Switch	Slide the Mode Switch to and from TX and RX
Play / Pause	In RX mode, press the Power Button once to play/pause music

Note: Please wait 3 seconds after ABC53F is powered OFF to switch the mode. After the switch, the pairing history of the previous devices will be cleared. You will need to re-pair your Bluetooth devices to ABC53F after you switch between TX / RX mode.

LED Indicators

<i>LED Indicators</i>	
LED Indicator	Status
Solid Red LED	Charging
LED Off	Power OFF / Fully charged if connected to a power source
Flashing Red and Blue	Pairing mode in Receiver Mode
Flashing Red	Low battery
Solid Blue LED	Successfully paired
Flashing Blue (Every 2 Seconds)	Pairing mode in Transmitter Mode

Note: For first-time use, once powered on, the adapter will automatically enter pairing mode. The LED will flash blue and red. Please follow the instructions below on how to pair.

Pairing in Transmitter Mode

Please make sure the device supports the A2DP profile. The pairing procedure will vary depending on the actual device. Please refer to the user guide of your device for detailed instructions. The general pairing procedures are as follows:

1. Make sure ABC53F is turned OFF and switched to TX mode
2. Activate your device's Bluetooth function and set your device to pairing mode
3. Press and hold the power button for 3 seconds to power on ABC53F
4. Activate ABC53F pairing mode by pressing the power button twice.
5. ABC53F and your Bluetooth device will pair automatically
6. After connecting successfully, the blue LED will stay on.

Note: After the initial pairing of your Bluetooth device with ABC53F. It is recommended that you power on your Bluetooth device first before you power on ABC53F for subsequent uses for faster reconnection. If the device does not reconnect, you may press the power button to speed up the process.

Pairing in Receiver Mode

Please make sure the device supports the A2DP profile. The pairing procedure will vary depending on the actual device. Please refer to the user guide of your device for detailed instructions. The general pairing procedures are as follows:

1. Make sure ABC53F is turned OFF and switched to RX mode
2. Press and hold the power button for 3 seconds to power on ABC53F
3. Activate ABC53F pairing mode by pressing the power button twice.
4. Activate your device's Bluetooth function and set your device to search for Bluetooth devices. Select ABC53F when it is found.
5. For transmitters with Bluetooth version 2.1, you will not need to input a code. If you are prompted for a PIN, please enter "0000".
6. If prompted by your device to connect, please select "Yes".
7. After connecting successfully, the blue LED will stay on.

Note: Please make sure the audio output of your device is set to Bluetooth for audio streaming.

Pair with two devices at the same time in TX mode

In TX mode, the adapter is able to pair with two Bluetooth stereo headphones/speakers at the same time.

1. Follow the previous instructions in the "Pairing in Transmitter Mode" section to pair ABC53F with your first device.
2. Turn off the Bluetooth function on your first device, and tap the Power Button twice to pair and connect to your second device.
3. Turn on the Bluetooth function on your first device. In approximately 30 seconds, the second device will automatically connect.

Charging the battery

The battery is not fully charged and it is highly recommended that you charge ABC53F before you begin using it.

Note: Using ABC53F “out of the box” will not harm the device.

You will experience reduced battery life as the unit will not be fully charged. Connect the larger USB end of the cable provided to your PC or USB power adapter (not included) and the smaller Micro USB to the charging port of ABC53F. Please charge the battery for a minimum of (2) hours. The red LED will be on while charging. When charging is complete, the red LED will turn off.

Using ABC53F with power connected

Here are the steps to follow if you want to use ABC53F with power connected. ABC53F will stay in standby mode as long the power is connected so your Bluetooth device can reconnect automatically after you are within range.

1. Make sure ABC53F is turned OFF.
2. Connect the larger USB end of the cable provided to your PC / power adapter / TV's USB port and the smaller end to the charging port of ABC53F.
3. Follow the pairing instruction to pair your device.

APT-X HD for Bluetooth 5 setup

To enjoy APT-X HD for Bluetooth 5, please follow the below steps. To enable/disable APT-X HD:

1. Please make sure ABC53F is powered off.
2. Press and Hold the power button for 7 seconds until you see the green LED flash. When enabled, the green LED will flash once. When disabled, it will flash twice.
3. Power on ABC53F by pressing and holding the power button for 3 seconds.

Note: When APT-X HD is enabled, APT-X LL will be disabled. ABC53F defaults to APT-X LL when the connected device supports this feature.

Radio and TV Interference Statement

WARNING!!! This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by whatever measures may be required to correct the interference.

Warranty

Aluratek warrants this product against defect in material or workmanship for 1 YEAR from the date of purchase. This warranty becomes invalid if the factory-supplied serial number or “warranty void” sticker has been removed or altered on the product.

This warranty does not cover:

- Cosmetic damage or damage due to acts of God
- Accident, misuse, abuse, negligence, or modification of any part of the product.
- Damage due to improper operation or maintenance, connection to improper equipment, or attempted repair by anyone other than Aluratek.
- Products sold AS IS or WITH FAULTS.

IN NO EVENT SHALL ALURATEK'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, ITS ACCOMPANYING SOFTWARE, OR ITS DOCUMENTATION.

Aluratek makes no warranty or representation, expressed, implied, or statutory, with respect to its products, contents, or use of this documentation and all accompanying software, and specifically disclaims its quality, performance, merchantability, or fitness for any particular purpose. Aluratek reserves the right to revise or update its product, software, or documentation without obligation to notify any individual or entity.

Technical Support

If you need further assistance, please contact the Aluratek support department for troubleshooting prior to returning this device.

- **E-mail:** support@aluratek.com
- **Web:** www.aluratek.com/helpdesk
- **Local (Irvine, CA):** 714-586-8730
- **Toll-free:** 1-866-580-1978

aluratek.com

FREQUENTLY ASKED QUESTIONS

What is the Aluratek ABC53F Bluetooth Audio Receiver & Transmitter?

The Aluratek ABC53F is a Bluetooth-enabled device that can function both as a receiver and a transmitter, allowing you to wirelessly stream audio between devices.

How does the ABC53F work as a Bluetooth receiver?

When set as a receiver, the ABC53F can receive audio from Bluetooth-enabled devices like smartphones or tablets and play it through non-Bluetooth speakers or headphones.

How does the ABC53F work as a Bluetooth transmitter?

When set as a transmitter, the ABC53F can transmit audio from non-Bluetooth devices like TVs or computers to Bluetooth-enabled headphones or speakers.

What Bluetooth version does the Aluratek ABC53F support?

The ABC53F supports Bluetooth 5.0, which offers improved range and better audio quality compared to older versions.

What audio connections does the ABC53F have?

The ABC53F has both a 3.5mm audio input/output and an optical audio input/output for versatile audio connectivity.

Can the ABC53F be used with both wired and wireless audio devices?

Yes, the ABC53F can be used with both wired (3.5mm and optical) and wireless (Bluetooth) audio devices.

How far is the Bluetooth range of the ABC53F?

The Bluetooth range of the ABC53F is typically around 33 feet (10 meters) in open spaces, but this can vary depending on environmental factors.

Can I use the ABC53F with my TV to listen to audio through Bluetooth headphones?

Yes, you can connect the ABC53F to your TV's audio output and transmit the audio wirelessly to Bluetooth headphones.

Does the ABC53F support aptX or other high-quality Bluetooth audio codecs?

Yes, the ABC53F supports aptX and aptX Low Latency, which provides higher-quality audio and reduces audio latency for better synchronization with video.

Can the ABC53F be used with multiple Bluetooth devices simultaneously?

As a receiver, the ABC53F can only be paired with one Bluetooth device at a time. However, as a transmitter, it can be paired with multiple Bluetooth headphones or speakers.

How do you switch between receiver and transmitter modes on the ABC53F?

The ABC53F typically has a switch or button to toggle between receiver and transmitter modes.

Does the ABC53F have a built-in battery?

Yes, the ABC53F is equipped with a rechargeable battery, allowing for portable use without needing a constant power source.

What is the battery life of the ABC53F?

The battery life of the ABC53F can vary based on usage, but it is generally several hours when fully charged.

Can the ABC53F be used while charging?

Yes, you can use the ABC53F while it is charging, making it convenient for extended usage.

Is the ABC53F compatible with all Bluetooth-enabled devices?

The ABC53F is compatible with most Bluetooth-enabled devices that support the appropriate Bluetooth profiles for audio streaming.

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