

# TASCAM

## AK-BT10

### Bluetooth Adaptor

## OWNER’S MANUAL

### Introduction

Thank you very much for purchasing the TASCAM **AK-BT10**.

Connect the TASCAM **AK-BT10** to the Bluetooth device connector on a compatible product to enable Bluetooth connection with smartphones, computers and other devices.

Before connecting and using this unit, please take time to read this manual thoroughly to ensure you understand how to properly set it up and connect it, as well as how to use its many useful and convenient functions. After you have finished reading this manual, please keep it in a safe place for future reference.

You can also download this Owner's Manual from the TEAC Global Site (<https://teac-global.com/>).

For details about using the **AK-BT10**, see the Owner's Manual of the compatible product.

Check the TEAC Global Site (<https://teac-global.com/>) for the latest information about compatible products.

### Included items

This product includes the following items.

Take care when opening the package to avoid damaging the items. Keep the packing materials for transportation in the future.

Please contact the store where you purchased this unit if any of these items are missing or have been damaged during transportation.

- **AK-BT10**.....x 1
- **Owner's Manual**.....x 1

### IMPORTANT SAFETY INSTRUCTIONS

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

#### For U.S.A

##### Supplier's Declaration of Conformity

Model Number: **AK-BT10**

Trade Name: TASCAM

Responsible party: TEAC AMERICA, INC.

Address: 10410 Pioneer Blvd. Suite #1 Santa Fe Springs, California 90670, U.S.A.  
Telephone number: 1-323-726-0303

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 that may cause undesired operation.

#### INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for 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 manual, 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 one or more of the following measures.

- a) Reorient or relocate the receiving antenna.
- b) Increase the separation between the equipment and receiver.
- c) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- d) Consult the dealer or an experienced radio/TV technician for help.

#### CAUTION

Changes or modifications to this equipment not expressly approved by TEAC CORPORATION for compliance could void the user's authority to operate this equipment.

#### For Canada

**THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003.**



Hereby, TEAC Corporation declares that the radio equipment type **AK-BT10** is in compliance with Directive 2014/53/EU, and the other Directives or Commission Regulations.

The full text of the EU declaration of conformity is available at the following internet address: Please contact us by e-mail.

<https://tascam.eu/en/kontakt.html>

EU Importer: TEAC Europe GmbH

Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.

6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Only use attachments/accessories specified by the manufacturer.
9. Unplug this apparatus during lightning storms or when unused for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- If you are experiencing problems with this product, contact TEAC for a service referral. Do not use the product until it has been repaired.

### CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.

#### For European Customers

##### Disposal of electrical and electronic equipment

- (a) All electrical/electronic equipment and waste batteries/accumulators should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- (b) By disposing of electrical/electronic equipment and waste batteries/accumulators correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- (c) Improper disposal of waste electrical/electronic equipment and batteries/accumulators can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- (d) The Waste Electrical and Electronic Equipment (WEEE) symbols, which show wheeled bins that have been crossed out, indicate that electrical/electronic equipment and batteries/accumulators must be collected and disposed of separately from household waste.
- (e) Return and collection systems are available to end users. For more detailed information about the disposal of old electrical/electronic equipment and waste batteries/accumulators, please contact your city office, waste disposal service or the shop where you purchased the equipment.



### CAUTION

- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT THE STORE WHERE YOU PURCHASED THE UNIT FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

### Wireless equipment precautions

#### Compliance of radio transmitter and interference

This product has the function of broadband transmitter using 2.4GHz Band.  
Use frequency range: 2402 MHz - 2480 MHz  
Maximum output power: Bluetooth® Class 2 (less than 2.5 mW)  
Please use only in the country where you purchased the product. Depending on the country, restrictions on the use of Bluetooth wireless technology might exist.

#### Model for USA

This module is granted of Equipment Authorization under the Authority of the Federal Communications Commission.

#### Model for Canada

Compliance of radio transmitter  
This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSSs.

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

#### Modèle pour le Canada

Conformité de l'émetteur radio

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

#### Radiation Exposure requirements

This equipment meets the regulation, which is recognized internationally, for the case of human exposure to radio waves generated by the transmitter.

#### Statement of compliance

##### for FCC & IC

This equipment complies with FCC andISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

« ce matériel est conforme aux limites d'exposition aux rayonnements rf de ic énoncés dans un autre environnement.  
ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.

#### Model for EEA (European Economic Area)

This equipment complies with [EN62479](#); Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields; the harmonised standard of DIRECTIVE 2014/53/EU.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Note 1: Any modifications made to the module will void the Grant of Certification, this module is limited to OEM installation only and must not be sold to end-users, end-user has no manual instructions to remove or install the device, only software or operating procedure shall be placed in the end-user operating manual of final products.

Note 2: Additional testing and certification may be necessary when multiple modules are used.

Note 3: To ensure compliance with all non-transmitter functions the host manufacturer is responsible for ensuring compliance with the module(s) installed and fully operational. For example, if a host was previously authorized as an unintentional radiator under the Declaration of Conformity procedure without a transmitter certified module and a module is added, the host manufacturer is responsible for ensuring that the after the module is installed and operational the host continues to be compliant with the Part 15B unintentional radiator requirements. Since this may depend on the details of how the module is integrated with the host.

Note 4: To ensure compliance with all non-transmitter functions the host manufacturer is responsible for ensuring compliance with the module(s) installed and fully operational. For example, if a host was previously authorized as an unintentional radiator under the Declaration of Conformity procedure without a transmitter certified module and a module is added, the host manufacturer is responsible for ensuring that the after the module is installed and operational the host continues to be compliant with the Part 15B unintentional radiator requirements. Since this may depend on the details of how the module is integrated with the host.

Note 5: The label on the final system must be labeled with "Contains FCC ID: XEG-AKBT10&IC:1559C-AKBT10" or "Contains transmitter module FCC ID: XEG-AKBT10&IC:1559C-AKBT10".

### Trademarks

- TASCAM is a registered trademark of TEAC Corporation.
- The Bluetooth® word mark and logo are the property of Bluetooth SIG, Inc. and are used by TEAC Corporation with permission.
- Other company names, product names and logos in this document are the trademarks or registered trademarks of their respective owners.

### Precautions for placement and use

- The operating temperature range of this unit is 0–40 °C.
- Do not install this unit in the following types of locations. Doing so could make the sound quality worse or cause malfunction.
  - Places with significant vibrations
  - Next to a window or in another location exposed to direct sunlight
  - Near heaters or other extremely hot places
  - Extremely cold places
  - Very humid or poorly ventilated places
  - Very dusty places
- To enable good heat dissipation, do not place anything on top of the unit.
- Do not place this unit on top of a power amplifier or other device that generates heat.

### Beware of condensation

Condensation could occur if the unit is moved from a cold place to a warm place, it is used immediately after a cold room has been heated or it is otherwise exposed to a sudden temperature change.

To prevent this, or if this occurs, let the unit sit for one or two hours at the new room temperature before using it.

### Cleaning the unit

Use a dry soft cloth to wipe the unit clean. Do not wipe with chemical cleaning cloths, thinner, alcohol or other chemical agents. Doing so could damage the surface or cause discoloration.

### Bluetooth®

#### ATTENTION

The Bluetooth function of this unit is not guaranteed to enable connection or operation with all Bluetooth devices.

### Transmission security

This unit supports security functions during Bluetooth transmission in accordance with the Bluetooth standard specifications, but it does not guarantee the privacy of such transmissions.

TEAC CORPORATION will bear no responsibility should an information leak occur during transmission by Bluetooth.

### Using the TEAC Global Site

You can download updates for this unit from the TEAC Global Site:  
<https://teac-global.com/>

In the TASCAM Downloads section, select the desired language to open the Downloads website page for that language.

### Product registration

Customers in the USA, please visit the following TASCAM website to register your TASCAM product online.  
<https://tascam.com/us/>

### About TASCAM customer support service

TASCAM products are supported and warrantied only in their country/region of purchase.

To receive support after purchase, on the TASCAM Distributors list page of the TEAC Global Site (<https://teac-global.com/>), search for the local company or representative for the region where you purchased the product and contact that organization.

When making inquiries, the address (URL) of the shop or web shop where it was purchased and the purchase date are required.  
Moreover, the warranty card and proof of purchase might also be necessary.

### Specifications

#### Bluetooth

##### Bluetooth version: v5.0 (Bluetooth Dual mode)

Transmission distance: About 10 m\*  
Frequency range used: 2.4GHz band

\* The transmission distance is only an estimate and might vary depending on the surrounding environment and radio wave conditions.

#### Other

##### Dimensions

\*\*\* x \*\*\* x \*\*\* mm (W x H x D, including protrusions)

##### Weight

\*\*\* g

##### Operating temperature range

0–40 °C (32 - 104°F)

- Specifications and external appearance might be changed without notification to improve the product.

##### Antenna Information:

Frequency range: 2400–2483.5 MHz  
Input impedance: 50 OHM  
Standing wave ratio: < 2.0  
Gain: 0 dBi  
Polarization: vertical  
Directionality: Omni-directional

- Antenna Type: PCB Antenna