



Toshiba RBC-AX32U(W)-E Installation Manual

Wireless remote controller kit

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INSTALLATION MANUAL

To Personnel Charged in Installation Work and Service

Model: RBC-AX32U(W)-E, RBC-AX32U(W5)-E

Observe the safety precautions described in the Owner's Manual of the wireless remote controller kit, Installation Manual and Owner's Manual of the 4-way cassette type air conditioner (indoor unit), or the installation manual supplied with the ceiling panel.

Accessories

Part Name

Qty

Part Name

Signal receiving unit

Owner's Manual

1

Installation Manual (this

manual)

Remote controller

Tapping screw

1

M4 × 16 mm

Remote controller holder

Clamp

1

Clamp screw

Battery

2

M4 × 12 mm

Settings for the signal receiving unit Before installation

Before installing the signal receiving unit, make the following settings referring to each description.

- To install the wireless remote controller together with wired remote controller, configure the "Multiple remote controller installation"
- When ceiling height exceeds the standard height (factory default), refer to the "Installing indoor unit on high ceiling" on installation manual of the indoor unit.

How to install the signal receiving unit

Install the signal receiving unit

Indoor unit

In correct orientation, since

drain pipe side

the signal receiving unit can

be installed at only one corner

as shown in (Fig. 1).

electrical

1.

Remove the air intake grille.

control box

2.

Remove the adjust corner

cap at the corner where the

signal receiving unit is to be

installed. (Fig. 2)

Pull the knob of the adjust corner cap in the arrow 1 direction. Remove the adjust

corner cap.

* The knob is provided only on one side of the cap. Be sure to detach the cap from the

knob side.

(Fig. 2)

Adjust corner cap

Adjust corner cap

1

Knob

Ceiling panel

3.

A pad is packed in the two rectangular holes (indoor unit side and signal receiving

unit side) for ceiling panel wires. Remove the pads temporarily, and pass the wires

from the wireless signal receiving unit through the rectangular holes. (Fig. 3)

4.

After the wiring is completed following "How to wire the signal receiving unit" below

without slack of the wires, pull the black pad that covers the wire by approx. 20 mm

out of the rectangular hole on the indoor unit side, and then clamp the wires with the

supplied clamp tightened with the screw. Then return the packing removed from the

rectangular hole on the signal receiving unit to the original position. (Fig. 3)

* Securely position the black pad and fix the packing. Failure to do so may cause water

leakage or dew drop on the unit and wires.

(Fig. 3)

Remove the pad from the

Clamp

rectangular hole on the signal

receiving unit side, clamp the

wires with the clamp, secure the

clamp with the M4 × 12 mm

screw, and then return the pad to

the original position.

Remove the pad from the

rectangular hole on the indoor

unit side.

Pull the black pad that covers the wire

by approx. 20 mm out of the hole.

• Thank you for purchasing Wireless remote controller kit for TOSHIBA air conditioners.

• Read this manual carefully for correct installation of the wireless remote controller kit

before starting work.

• After the installation is completed, execute a test run to check for normal operation

and explain how to use and maintain the wireless remote controller kit to the customer

according to the Owner's Manual.

Ask the customer to keep this manual with the Owner's Manual.

Attach the signal receiving unit to the ceiling panel, while taking care not to catch the

wires.

5.

Wires. (Fig. 4)

Insert the two claws on the adjust corner

Push the adjust corner cap in the arrow

(Fig. 4)

cap (with signal receiving unit) into the

directions so that the three claws are

rectangular holes of the ceiling panel in

fit.

the arrow direction.

Claws

Qty

1

1

2

Rectangular holes

• Push the three claws of the adjust corner cap firmly as far as they will go. Failure to

do so may result in water leakage.

1

Do not bundle these control signal wires with the power wire to avoid

malfunction.

How to wire the signal receiving unit

<Connection diagram>

Indoor unit

Signal receiving unit

Remote controller

White

connection

Black

terminal block

<Connection>

Indoor unit

Connect the wires from the signal receiving unit to the remote controller connection

refrigerant

terminal block of the indoor unit. (The terminals are nonpolar.)

side

• Clamp the redundant portion of the wires with the clamps in the electrical control box.

Electrical control box

Signal receiving

unit installing

Indoor unit remote

position

controller connection

terminal block

Clamps

Clamping claw

Multiple remote controller installation

The control by two remote controllers is enabled by installing the wireless remote

controller with the wired remote controller for an indoor unit.

(Max. 2 remote controllers of wireless or wired are installable.)

"2-remote controllers" controlling means that one or multiple units are operated by the

multiple remote controllers.

Note:

1.

Upon confirmation of the terminal numbers of the indoor unit, connect the

wire without miswiring. (If applied 220 - 240 V, damage the unit.)

2.

The multiple wireless remote controller kits cannot concurrently be used for an indoor unit.

3.
When installing in a room with multiple remote controller with the wired remote controller, set one of them as the following remote controller.

• To use wired remote controller or Lite-vision plus remote controller as a follower, settings must be changed. For the details, refer to the installation manual of each controller.

• To use the wireless remote controller as a follower, set bit 4 (Follower side) of DIP switch SW30 on the signal receiving unit P.C. board to ON.

2-remote controllers

The indoor unit is operated if either wireless or wired remote controller is set as header or follower remote controller.

(Total wire length: Within 400 m)

Wireless remote

Wired remote

controller kit (Header)

controller (Follower)

Signal receiving unit

Remote controller

connection terminal

block

A/B

Earth

Group control

Header and follower remote controllers are operable even if they are installed to any

indoor unit:

(Total wire length: Within 200 m)

Wireless remote

controller kit (Header)

Control wire for group control

Signal receiving unit

(Locally procured)

unit

2 x 0.5 to 2.0 mm

Remote

A/B

A/B

Controller

Indoor unit

Indoor unit

connection

No. 1

No. 2

terminal block

Earth

Earth

Remote controller address (A-B selection) setting

• When two or more signal receiving units are installed in a room, a unique address

can be set for each signal receiving unit to prevent interference.

• Address (A-B selection) must be changed on both signal receiving units of wireless

remote controller.

• For the details of address change (A-B selection) on wireless remote controller, refer

to the owner's manual.

Turn off the indoor unit power supply. Turn on the bit 4 of DIP switch SW30 on the

signal receiving unit P.C. board.

The setting change is shown below.

Clamper

white

Signal receiving unit cover

Signal receiving unit

DIP switch [SW30]

4

ON=follower OFF=header

3

ON=B

OFF=A

2

Not used

1

Not used

Test run (Forced cooling operation)

Requirement:

• Finish the forced cooling operation in a short time because it applies excessive

strength to the air conditioner.

How to perform forced cooling operation

1.

When TEMPORARY button is pushed for 10 seconds or more, "PI" sound is heard

and the operation changes to a forced cooling operation. After approx. 3 minutes, a

cooling operation starts forcibly.

Check cool air starts blowing. If the operation does not start, check wiring again.

2.

To stop a test operation, push TEMPORARY button once again (Approx. 1 second).

• Check wiring / piping of the indoor and outdoor units in forced cooling operation.

(Self separately)

TEMPORARY

button

Control wire

(Locally procured)

2

2 x 0.5 to 2.0 mm

Indoor unit

How to handle the remote controller

• To set the remote controller on the wall,

Push

button at the installation position on the wall to check that the signal from the

remote controller is received correctly.

Wired remote:

Remote controller holder

controller (Follower)

(Sold

separately)

Tapping screw

2

M4 x 16 mm

A/B

A/B

Indoor unit

Indoor unit

No. 3

No. 4

• Loading Batteries

1.

Remove the battery cover.

Earth

Earth

Insert 2 new batteries (R03 [AAA]) following the (+)

2.

and (-) positions.

Self-diagnosis function and measures

• The following table shows a few examples. For details of indoor unit errors, refer to

the Installation Manual of the indoor unit.

LED

Screw

These LEDs do not light or blink

even if the remote controller is

operated.

DIP switch SW30

Signal receiving unit P.C. board

Adjust corner cap with signal receiving unit

SW30

LEDs on the signal receiving unit

LED color

- Green

Notes on installing remote controller

• When using a wireless remote controller in the remote controller holder on a wall,

turn on a fluorescent light and operate the remote controller at the installation

position. Make sure that the air conditioner operates normally and then secure the

remote controller holder on the wall.

• When installing a remote controller that senses room temperature with the sensor,

avoid the following places.

• A place exposed to direct cool air, warm air or direct sunlight

• A place subject to thermal effects

Explanation to the customer

• After the installation work has been completed, execute a test run to check for normal

operation and then hand the customer the Owner's Manual and Installation Manual of

the wireless remote controller kit.

• Explain how to use and maintain the wireless remote controller kit to the customer

according to the Owner's Manual of the wireless remote controller kit.

Remote

controller

Put on.

1

Push

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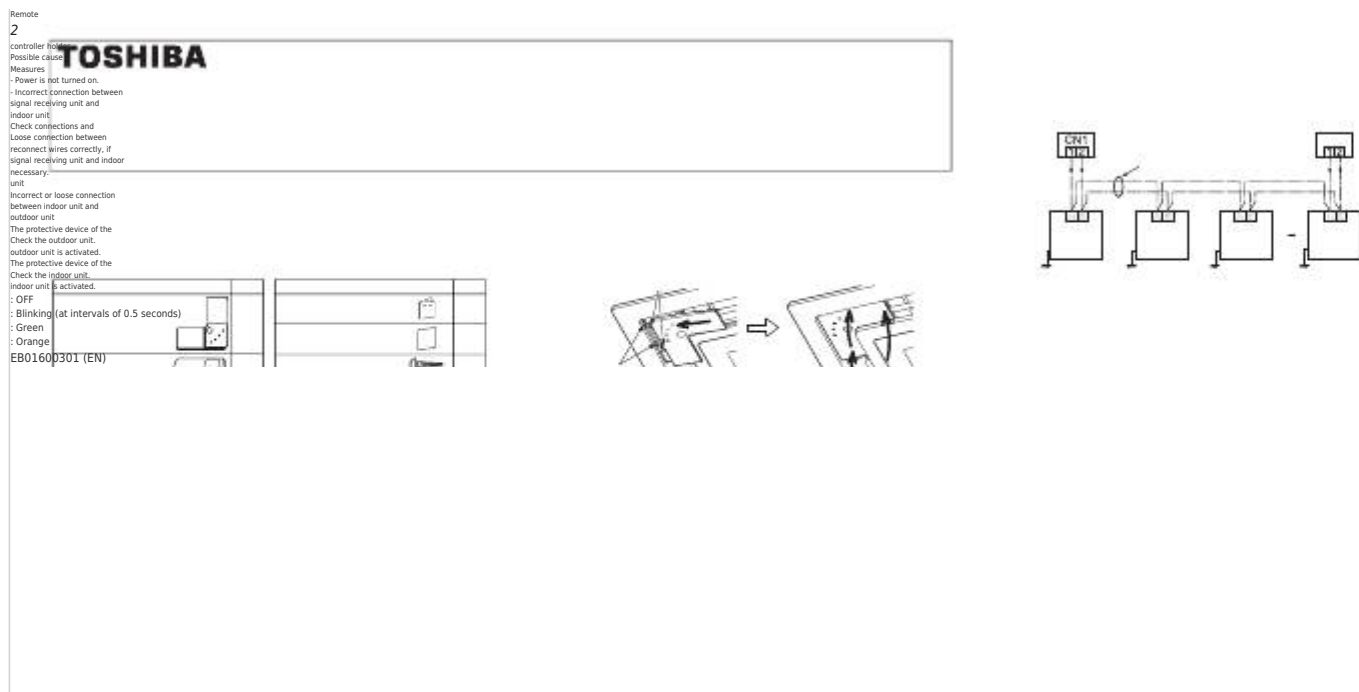
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Related Manuals for Toshiba RBC-AX32U(W)-E

[Air conditioners Toshiba RBC-AX32U\(W\)-E Owner's Manual](#)

Wireless remote controller kit (16 pages)

[Remote Control TOSHIBA Carrier RBC-AX22CUL Owner's Manual](#)

Remote controller for air conditioner (split type) (32 pages)

[Remote Control Toshiba RBC-AX22CUL Installation Manual](#)

Remote controller for air conditioner (split type) (9 pages)

[Remote Control Toshiba RBC-AX22CUL Installation Manual](#)

Remote controller for air conditioner (split type) wireless remote controller kit (16 pages)

[Remote Control TOSHIBA RBC-AX22CE Owner's Manual](#)

Remote controller for air conditioner (split type) (17 pages)

[Remote Control Toshiba RBC-AX22CE Owner's Manual](#)

Remote controller for air conditioner (8 pages)

[Remote Control Toshiba WH-H1JE2 Owner's Manual](#)

Remote controller for air conditioner (split type) (15 pages)

[Remote Control Toshiba RBC-AX31U\(W\)-UL Owner's Manual](#)

Remote controller for air conditioner (split type) (18 pages)

[Remote Control Toshiba RBC-AX23UWW-E Owner's Manual](#)

(156 pages)

[Remote Control Toshiba RBC-AX22CE2 Installation Manual](#)

Remote controller wireless kit for air conditioner (6 pages)

[Remote Control Toshiba RBC-AX32UM\(W\)-E Installation Manual](#)

Wireless remote controller kit (2 pages)

[Remote Control Toshiba RBC-AX33UYP-E Installation Manual](#)

Wireless receiver kit (2 pages)

[Remote Control Toshiba RBC-AX32UW-UL Owner's Manual](#)

Wireless remote controller kit (16 pages)

[Remote Control Toshiba RBC-AX32CE2 Owner's Manual](#)

Wireless remote controller kit (16 pages)

[Remote Control Toshiba RBC-AXU33UP-E Installation Manual](#)

Wireless remote controller kit (2 pages)

[Remote Control Toshiba RBC-AXU33UPB-E Installation Manual](#)

Wireless receiver kit (2 pages)

Related Products for Toshiba RBC-AX32U(W)-E

[Toshiba RBC-AX33CE](#)

[Toshiba RBC-AX23UW-E](#)

[Toshiba RBC-AXU31U-E](#)

[Toshiba RBC-AXU31-E](#)

[Toshiba RBC-AXU31UW-E](#)

[Toshiba RBC-AXU31C-E](#)

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[Toshiba RBC-TWP101E](#)

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This manual is also suitable for:

[Rbc-ax32u\(ws\)-e](#)