





## Toshiba TCB-EXS21TLE Installation Instructions

Air conditioner control panel



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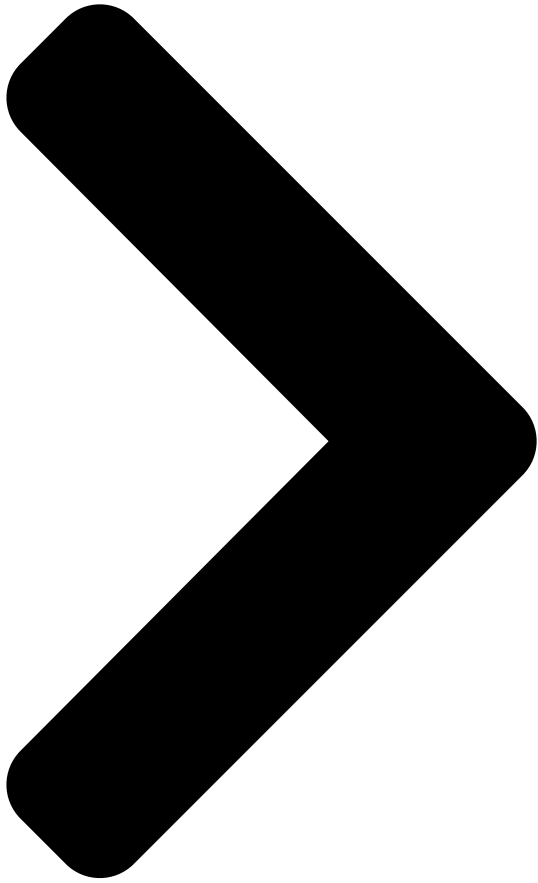
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Enlarged version









## Wiring for the Schedule timer (when using the Schedule timer)

Fig. 7

64 system central remote controller or ON-OFF controller

Wiring

specifications (1)

Refrigerant system 1

(S-MMS)

Refrigerant system 2

(S-SDU)

P1

Indoor unit

(Header unit)

U1 U4

U1 U2

U1 U2

U1 U4

L1

Schedule timer \*1

L3

P1

U1

U1 U2

Indoor

Indoor

Indoor

unit

Remote

Remote

controller

controller

Schedule

timer \*2

Wiring specifications (2)

Wiring specifications (2)

\*1 In the case the schedule timer is connected to the 64 system central remote controller or ON-OFF controller

\*2 In the case the schedule timer is connected to the indoor unit for S-MMS

\*3 In the case the schedule timer is connected to the TCC-LINK adapter

Wiring

Max. Length

P1: Power wire for schedule timer

100m

L1: Central control system wiring

Less than 1000m

L1+L2+L3+L4: Indoor/Outdoor communication

Less than 2000m

P1, L1, L2, L3 and L4 have no polarity.

<Note> This schedule timer is device connected to TCC-LINK.

The maximum number of schedule timer units that can be connected is 8. (A maximum of 10 schedule timer units and other central control devices can be connected.)

In the case of S-SDU, a TCC-LINK adapter may be required.

Wiring

The schedule timer wiring can be connected by the following two methods. Select one of these connection methods according to the actual installation location. When wiring, extend the lengths of the wires using wire joints (accessory) and extension wires (field supply).

<Note> When installing multiple schedule timers, avoid the use of communication line.

Connection diagram (Be sure to use the provided wires as the power wiring.)

Wiring specifications (1)

If a 64 system central remote controller (or ON-OFF controller) is installed (power is supplied from the 64 system central remote controller):

Fig. 8

Refrigerant system 1

(S-MMS)

Refrigerant system 2

(S-SDU)

P1

Indoor unit

(Header unit)

U1 U4

U1 U2

U1 U2

U1 U4

L1

Schedule timer \*1

L3

P1

U1

U1 U2

Indoor

Indoor

Indoor

unit

Remote

Remote

controller

controller

Schedule

timer \*2

Wiring specifications (2)

If a 64 system central remote controller (or ON-OFF controller) is not installed (power is supplied from the indoor unit):

<Note>

(1) The only functions of the schedule timer are indoor unit ON/OFF and remote controller enable/disable operations.

(2) It is required that during installation, a 64 system central remote controller or wired remote controller be installed in the system to set the operation mode and other information can be checked.

(3) If the 64 system central remote controller (or wired remote controller) device is not present, the schedule timer cannot be used in cooperation with a system that does not utilize remote controllers including high wall (XRT series) systems.

Refrigerant system 1

(S-MMS)

Refrigerant system 2

(S-SDU)

P1

Indoor unit

(Header unit)

U1 U4

U1 U2

U1 U2

U1 U4

L1

Schedule timer \*1

L3

P1

U1

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Indoor

Indoor

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Refrigerant system 2

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U1 U2

U1 U2

U1 U4

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Schedule timer \*1

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U1 U2

U1 U2

U1 U4

L1

Schedule timer \*1

L3

P1

U1

U1 U2

Indoor

Indoor

Indoor

unit

Remote

Remote

controller

controller

Schedule

timer \*2

# TOSHIBA

WARNING

WARNING

WARNING

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L3

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U1

U1 U2

Indoor

Indoor

Indoor

unit

Remote

Remote

controller

controller

Schedule

timer \*2

Wiring specifications (2)

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(2) It is required that during installation, a 64 system central remote controller or wired remote controller be installed in the system to set the operation mode and other information can be checked.

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(S-MMS)

Refrigerant system 2

(S-SDU)

P1

Indoor unit

(Header unit)

U1 U4

U1 U2

U1 U2

U1 U4

L1

Schedule timer \*1

L3

P1

U1

U1 U2

Indoor

Indoor

Indoor

unit

Remote

Remote

controller

controller

Schedule

timer \*2

Wiring specifications (2)

If a 64 system central remote controller (or ON-OFF controller) is not installed (power is supplied from the indoor unit):

<Note>

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Refrigerant system 2

(S-SDU)

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U1 U4

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U1 U2

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Indoor

Indoor

unit

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Remote

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Refrigerant system 1

(S-MMS)

Refrigerant system 2

(S-SDU)

P1

Indoor unit

(Header unit)

&lt;

● After work is completed, present the Operation Manual and Information for the Person in Charge of Installation (Electrical) Work to the customer.

● Explain to the customer the methods for use of the system, as described in the Operation Manual.

## Memory Backup Switch

Power terminal  
(4P connector)  
After installation is completed, check that the backup switch on the reverse side of the Communication  
schedule timer PCB is turned to ON.  
terminal (3P connector)  
(The backup battery will retain the current time for up to 100 hours.)

Fig. 11

Schedule timer

Field supply

Communication

wiring

(Blue + green)

Power wiring

(Black + white)

Wire joint

(Not used)

Power terminal

(4P connector)

Communication

terminal (3P connector)

Schedule timer

Refrigerant system 3

(3-4W5)

Refrigerant

system 2

(Shield wiring for

Outdoor unit

(SDSD)

central control

(Header unit)

system (single

point earth)

Outdoor

unit

U3 U4

U3 U2

U3 U4

Control control

system wiring

Indoor/Outdoor

units

TCC LINK

adapter

U4

U3 U4

U4

U3 U2

U3 U2

Indoor

Indoor

unit

unit

unit

Remote

controller

controller

controller

Timer \*2

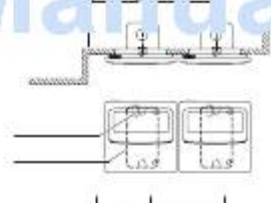
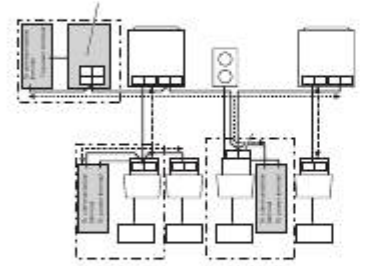
Backup switch

off

on

Backup battery

(E)



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## Related Manuals for Toshiba TCB-EXS21TLE

[Timer Toshiba TCB-EXS21TLE Instruction Manual](#)

Schedule timer (182 pages)

[Water Heater Toshiba MMW-AP0271LQ-TR Installation Manual](#)

Hot water module (multi type) (68 pages)

[Control Panel Toshiba TCB-EXS21TLE Instruction Manual](#)

(42 pages)

[Timer Toshiba TCB-EXS21TLE Instruction Manual](#)

Schedule timer (20 pages)

[Control Panel Toshiba Extended Panel TOS-SN-1 Operation Manual](#)

Extended panel (7 pages)

[Control Panel Toshiba RBC-MTSC2 Installation Manual](#)

Mini touch screen controller with 7-day scheduler (24 pages)

[Control Panel Toshiba MITOS VT6 AIR User Manual](#)

(17 pages)

[Control Panel Toshiba RKP010Z-A1 User Manual](#)

Lcd operation panel option (2 pages)

[Control Panel Toshiba RBC AIP4 Installation Manual](#)

Leak detection panel (20 pages)

## Summary of Contents for Toshiba TCB-EXS21TLE

[Page 1](#) +01E\_073002\_STime\_EXS21TLE.fm Page 1 Tuesday, June 19, 2008 4:50 PM Wiring specifications (2) INSTALLATION INSTRUCTIONS Model TCB-EXS21TLE If a 64 system central remote controller (or ON-OFF controller) is not installed (power is supplied from the indoor unit): INFORMATION FOR THE PERSON IN CHARGE OF INSTALLATION (ELECTRICAL) WORK AND SERVICING <Note>...

[Page 2](#) +01E\_073002\_STime\_EXS21TLE.fm Page 2 Tuesday, June 19, 2008 4:50 PM When using with the Weekly-Timer, all switch settings except S41-1 must be OFF. ● Procedure for making fixed timer group settings (zone) ::: Continue from the previous section ::: Checking the Central Control Addresses and Operating the Units Remote Controller Enable Items Switch (1) (Substitute/Addition Selector) (1) First, use a 64 system central remote controller or the wired remote controllers to set About the Setting Switches...