



# Toshiba RBC-MTSC2 Installation Manual

Mini touch screen controller with 7-day scheduler



1
Table Of Contents
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

18  
19  
20  
21  
22  
23  
24



•

Table of Contents

•

## Bookmarks

[Download this manual](#)

## Quick Links





RBC-MTSC2

Installation Manual

**Mini Touch Screen Controller**

**With 7-day Scheduler**

RBC-MTSC2 v1.00 2020



## Table of Contents

[Next Page](#)

1  
2  
3  
4  
5

# Related Manuals for Toshiba RBC-MTSC2

## [Controller Toshiba RBC-MTSC2 Pocket Quick Reference Manual](#)

Colour smart touch remote controller (13 pages)

## [Control Panel Toshiba TCB-EXS21TLE Installation Instructions](#)

Air conditioner control panel (2 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 Extended Panel TOS-SN-1 Operation Manual](#)

Extended panel (7 pages)

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

(42 pages)

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

Leak detection panel (20 pages)

## Summary of Contents for Toshiba RBC-MTSC2

[Page 1](#) RBC-MTSC2 Installation Manual Mini Touch Screen Controller With 7-day Scheduler  
RBC-MTSC2 v1.00 2020...

### [Page 2: Table Of Contents](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual Contents  
Warning Indications on the Air Conditioner Unit .....3  
IMPORTANT INFORMATION .....4  
Product Overview ..... 5  
Connection Details .....6  
4.1. USB.....6  
4.2. Firmware Updates \*\*\* IMPORTANT NOTICE \*\*\* .....6  
Dimensions .....

### [Page 3: Warning Indications On The Air Conditioner Unit](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual  
Warning Indications on the Air Conditioner Unit  
Warning indication Description  
WARNING WARNING ELECTRICAL SHOCK  
HAZARD ELECTRICAL SHOCK HAZARD  
Disconnect all remote electric power supplies  
Disconnect all remote electric power supplies before servicing.

### [Page 4: Important Information](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual  
IMPORTANT INFORMATION  
□ All electrical work should be carried out by a competent person and wiring must be in accordance with the national electrical installation regulations.  
□ Ensure that installation work is done correctly using the information contained in this manual.

### [Page 5: Product Overview](#)

Product Overview  
Description  
The RBC-MTSC2 colour smart touch wall mounted controller is a capacitive icon-based touchscreen that is very intuitive, easy to use and very simple to install. The smart touch controller uses the same 2 wire format used for our standard controllers and no external power supply is needed to operate the device. This means this all new modern and stylish touchscreen controller can be installed onto any new or existing systems to provide a higher level of user comfort and experience.

### [Page 6: Connection Details](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual  
Connection Details  
All electrical work should be carried out by a competent person and wiring must be in accordance

with the national electrical installation regulations. TCC-NET Connections 4.1. Power Supply The Mini Touch Screen Controller is powered on connection to the indoor unit A + B terminals.

## [Page 7: Dimensions](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual Dimensions 15 (mm) 141 (mm) 74 (mm) 5.1. Fixing Frame Fixing holes Cable entry...

## [Page 8: User Interface](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual User Interface 6.1. Start-Up Initialising start up display screen Remote Controller communication initialisation screen can take up to 5 minutes to complete (when system is auto-addressing). 6.2. Ready After initialisation, the controller is ready to switch on.

## [Page 9: Default View](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.3. Default View Pressing the power icon displays the default screen 6.3.1. Error and Filter Sign Indicator The indicator is displayed whenever an error is detected or a filter needs cleaning.

## [Page 10: Control Panel](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4. Control Panel → Tap the handle on the left of the screen to The control panel shows the current time and open the control panel. date. It also gives access to the clock /...

## [Page 11: Configuration](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.1. Configuration To access Configuration menu follow the sequence below on the screen using two fingers. Press and hold the bottom right hand corner of the screen keeping your finger in place (do not remove) and then press and hold the bottom left hand corner of the screen.

## [Page 12: General R/C Setup](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.3. General R/C Setup Enable or disable: header unit; show setpoint to 0 or 1 decimal place, frost protection. The service information is currently only editable via the PC configuration tool.

## [Page 13: User Interface Setup](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.5. User Interface Setup Enable or disable: operating mode; temperature change; fan speed; louvre operation. Tap button to change setting. 6.4.6. DN Code Editing To change DN code settings use up/down arrow to move between DN codes.

## [Page 14: Appearance](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.7. Appearance The background image and logo can be altered on this screen. The images must have been downloaded to the controller using the Pyrus R/C configuration software. Tap the background rectangle to show the currently installed images. Tap the required image to select.

## [Page 15: Clock And Scheduler](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.8. Clock and Scheduler 6.4.9. Date and Time The MTSC2 contains a super-capacitor to provide backup power to the real-time clock. When fully charged, it will keep the clock running for approximately 2½ days, enough to handle the occasional power outage.

## [Page 16: Programming Control Events](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.11. Programming Control Events Add new control event. Toggle 'delete event' buttons. Copy this event list to other days. 6.4.12. Adding or Editing Control Events Tapping an existing event or the 'Add Event' button will bring up the event edit window.

## [Page 17: Copying Event List](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.14. Copying Event List Tapping the 'Copy Event' button will bring up the 'Copy Event List' window. The events for the currently selected day can be copied to any of the other days of the week.

## [Page 18: Diagnostics](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.15. Diagnostics Displays the following information: Room air temperature from the remote controller and the master indoor unit. The thermometer icon indicates which is selected as the controlling return air sensor.

## [Page 19: Model Information](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.16. Model Information 6.4.17. Reboot Button Tap to save and update settings Will be displayed when certain configuration changes require the indoor units and Remote Controller to be restarted. 6.4.18. Back Button Tap to exit and return to previous screen Tap to exit and return to previous screen.

## [Page 20: Usb Configuration Mode \(H/W Rev. 8.0 And Above\)](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.4.19. USB Configuration Mode (H/W rev. 8.0 and above) This feature allows the MTSC2 to be powered up via a USB cable, to help simplify the process of off-site configuration, and also allow the unit to be demonstrated without being connected to an indoor unit.

## [Page 21: Version History And New Features Guide](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual 6.5. Version History and New Features Guide 6.5.1. Version Information v1.00 - initial release...

## [Page 22: Trouble Shooting Error Codes](#)

RBC-MTSC2 Mini Touch Screen Controller Installation & Owner Manual Trouble Shooting Error Codes Error Code Description Sending error in TCC-LINK central control device Receiving error in TCC-LINK central control device Batch alarm of general-purpose equipment control interface Communication error between indoor and remote controller (Detected at remote controller side)

[Page 23](#) Comp position detection circuit error Follower indoor unit error (Group error) Note: For further information regarding the above error codes, please contact your local Toshiba A/C supplier, or Toshiba A/C technical support. Note: Toshiba Carrier UK Limited reserves the right to change specification without notice.

[Page 24](#) Manchester Leatherhead Plymouth Office Locations Leatherhead Manchester Plymouth Toshiba Air Conditioning Toshiba Air Conditioning Toshiba Carrier UK Limited United Technologies House Unit 15 S:Park Business Park Porsham Close Guildford Road Hamilton Road Belliver Industrial Estate Leatherhead Stockport Plymouth Surrey Greater Manchester...