



INSTRUCTION MANUAL

MTS17

Smart Dimmer Module



1. SPECIFICATIONS

Function	Range
Rated Frequency	50/60Hz
Rated Load	125W (LED) / 200W (Incandescent)
Rated Voltage	180V to 250V AC
Voltage Range	90V to 264V AC
Approvals	IEC / SANS / C-Tick / ICASA / LOA / CE
Wi-Fi Parameter	802.11b/g/n, 2.4GHz networks only, 5GHz networks not supported
Bluetooth	V5.1 GFSK (BT LE)
Voice Control	Alexa & Google Assistant
Dimensions	42 x 42 x 22mm
Housing Material	PC (Flame Retardant V0)

Protection: If the voltage exceeds the set parameter, the module will shut down until the voltage stabilizes.

2. DOWNLOAD THE FREE MAJOR TECH HUB APP BY SCANNING THE QR CODE



3. OVERVIEW

Enhance your lighting control with the MTS17 Smart Dimmer Module, seamlessly integrated with the Major Tech Hub app. Designed for 125W LED and 200W incandescent loads, this customisable trailing or leading edge dimmer supports a voltage range of 180-250V AC, ensuring optimal performance. With 2.4GHz Wi-Fi and Bluetooth connectivity, the MTS17 offers responsive control, with Bluetooth taking over if Wi-Fi is lost. Voice Control is available through Alexa and Google Assistant. The compact design allows for easy installation. Customize lighting automations and schedules to create the perfect atmosphere and reduce energy bills.

- Note:**
- The MTS17 supports conventional dimmable lamps or lights (Not intended for smart bulbs).
 - Ensure the MTS17 Module is installed by a qualified professional in accordance with local regulations.
 - The MTS17 can be used with the Major Tech Hub app and/or manually with a bell press switch for app free control.

4. USAGE INDICATOR

Blue LED Indicator: This will flash to indicate that the MTS17 is in pairing mode, and is ready to be added to your device list in the "Major Tech Hub" App. This indicator will stop flashing during the pairing process once a successful connection has been made.

5. BASIC FEATURES

- **Seamless App Compatibility:** Effortlessly adjust lighting using the Major Tech Hub app, setting the perfect ambiance from anywhere.
- **Energy Efficient:** Optimize energy usage with precise dimming control for both LED and incandescent lamps, including adjustable minimum and maximum brightness ranges from 1% to 100%.
- **Advanced Timing Options:** Enjoy precise control, over the devices connected to this Dimmer Module, with versatile timing options, including Countdown, Schedules, Cycle Timers, Random Timer and Inching Timer modes.
- **Scheduling Capabilities:** Set schedules for automatic on/off times, ensuring your lighting adjusts to your

routine and enhances energy efficiency.

- **Smooth and Precise Dimming Control:** Enjoy a flicker-free dimming experience with gradual adjustments in increments of 1%, allowing you to set the brightness to any level between 1% and 100% for granular control over lighting output.
- **Customizable Automations:** Create and save personalized lighting automations with the Major Tech Hub app. Automations can control switching on/off, setting specific brightness levels, or adjusting brightness in increments of 1%, 10%, or 20%. These automations can be activated automatically or with a tap-to-run option for added convenience.
- **Voice Control Compatibility:** Compatible with Alexa and Google Assistant for seamless control.
- **Dual Mode Connectivity:** Utilize Wi-Fi and Bluetooth for reliable and responsive control, with Bluetooth providing failover support if Wi-Fi connectivity is lost, compatible with 2.4GHz networks.

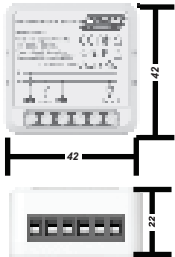
6. INSTALLATION AND CONNECTING THE DEVICE VIA THE APP

1. Have the MTS17 installed by a suitably qualified professional in accordance with local regulations.
2. Follow the connection diagram as printed in this manual to ensure that the Dimmer Module is installed correctly. Tighten all screws securely during the installation process.
3. Download the free "Major Tech Hub" Smart App from either the Google Play Store or Apple App Store.
4. Go to the App Settings on the device you installed "Major Tech Hub" on and grant all permissions to the App, this is to ensure full functionality of the App and the seamless connection of your smart devices.
5. Always ensure your phone is connected via a 2.4GHz Wi-Fi Network (Our Smart Devices are not compatible with 5GHz Networks to ensure good range and a stable connection).
6. **Power on MTS17:** When the Dimmer Module is powered on, press and hold the back of the device for 7 seconds to enter pairing mode, the Blue

Indicator LED will start flashing quickly.

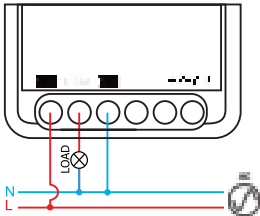
7. **Add Device:** The desired Wi-Fi Network must be available and connected to the device running the "Major Tech Hub" App. In the App tap on the "+" or "Add Device" Icon.
8. The App will automatically display the list of all your activated Smart Devices that are ready and in Pairing Mode.
9. Tap on "Add" to begin to add all discovered Smart Devices.
10. Enter the SSID and password of the desired 2.4GHz Wi-Fi Network, then tap "Next" to continue adding Smart Devices.
11. A screen will be displayed showing you the progress for each device that is being added.
12. Once a device has successfully been added you can edit the device's "Name" and place it in one of the rooms you have set up in your "Home".
13. Once completed the Control Panel of your newly added Smart Device will open automatically allowing you to further customize and program the device as you require.

8. PRODUCT DIMENSIONS(MM)



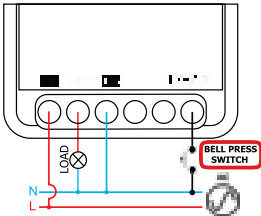
9. CONNECTION DIAGRAM A

Wiring directly to a load with no physical switch.



10. CONNECTION DIAGRAM B

Wiring directly to a load with a bell press switch for manual control.



NOTE: Bell Press Switch must only be connected across the MTS17 Switch Terminal and Neutral Line



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