



If installing a filter on a bathroom phone, use the unterminated filter. Remove the bathroom wall plate and terminate the filter in the wall box using wire beans.



remove the filter.
The terminated filter has a clipped RJ11 connector. This is purposely done to comply with EN60950 requirements. Use a small flat blade screwdriver to lift the tab if attempting to connect.

The TW-5x WallPlate features a built-in *Plain Old Telephone Service* (POTS) and Line Power filter for the desk phone. Install an in-line filter on all other phone jacks that will have a phone

Installing In-line Filters

TS-524 and TW-5xx Specifications

Wireless Interface	Single radio; 802.11a/b/g/n; 2.4GHz or 5GHz
LAN Ethernet port	2 x IEEE 802.3 10/100MB auto-sensing via RJ-45
Uplink UTP	1 x RJ11 UTP, VDSL2
Pass through phone port	Filtered RJ11 port
Medium	DSSS, OFDM, MIMO
Standards	802.11a, 802.11b, 802.11g, 802.11n draft 2.0, 802.11i, 802.11-2007
Data rates	802.11b: 1,2,5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS 0 to 15 up to 300Mbps
Operating frequencies*	2.4GHz: 2400 to 2483.5MHz 5GHz: 5150 to 5250MHz, 5725 to 5850MHz
Transmit power settings*	1dBm to 20dBm, in 1dBm increments
Antenna configuration	Two internal omni-directional, 1x2 or 2x2 MIMO operation 3dBi peak @ 2.4GHz
VLANs	802.1 Q tagged VLANs, access or trunk
TS-524 management	Telnet, SSH, HTTPS, Serial Console
TS-524 uplink ports	2 x IEEE 802.3 10/100/1000MB auto-sensing RJ-45
TS-524 UTP ports	1 x RJ21 for PBX connection, 1 x RJ21 for downstream VDSL2

* Operating frequencies and transmit power settings depend on national regulatory limits.

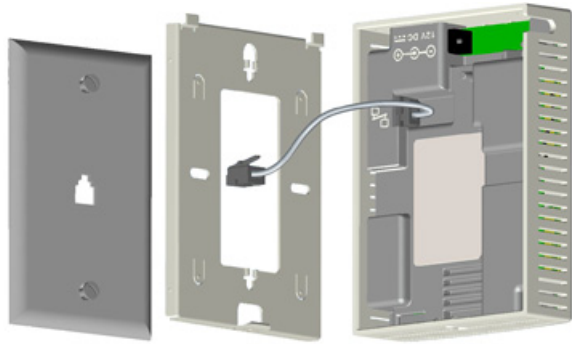
(3)

4. Connect the supplied 10cm cable between the TW-51x bottom mounted RJ11 jack and the existing RJ11 jack.
5. Hook the bottom tabs on the mounting adapter to the TW-51x. Rotate and snap the TW-51x onto the adapter.



CAUTION Do not over tighten.

3. Tighten the screws until the mounting adapter is securely attached.



1. Loosen the screws on the existing wall plate to create a gap of 6mm (1/4 in).
2. Attach the mounting adapter using the keyhole slots.

Installing the TW-51x WallPlate




Introduction

The Motorola TW-51x Series Wired/Wireless WallPlate is designed for multi-tenant buildings such as hotels, healthcare facilities, apartments, and dormitory housing. The TW-51x is designed to leverage the in-building telephone wiring to deploy Ethernet and wireless LAN networks without the effort and expense of re-wiring with structured cabling.

This installation guide applies to TS-524 (P/N TS-0524-WR), TW-511 (P/N TW-0511-60010-US, -EU, -WR), and TW-510 (P/N TW-0510-WR).

Document Conventions

The following graphical alerts are used in this document to indicate notable situations:

-  **NOTE** Tips, hints, or special requirements that you should take note of.
-  **CAUTION** Care is required. Disregarding a caution can result in data loss or equipment malfunction.
-  **WARNING!** Indicates a condition or procedure that could result in personal injury or equipment damage.

Warnings

- This equipment should only be installed by qualified professional installers.
- Read all installation instructions and site survey reports, and verify correct equipment installation before installing this equipment.
- Remove jewelry and watches before installing this equipment.
- Verify proper wiring and grounding for each installation location .
- Verify there is adequate ventilation around the device, and that ambient temperatures meet equipment operation specifications (0° to 40° Celsius / 32° to 104° Fahrenheit).

(1)

```

config
  password admin <enter your new password>
  hostname <enter your hostname>
  interface vlan1 ip-address 192.168.1.1/24
  int ds11-24 no shutdown
  int radio1-24.1
  channel 6
  power 18
  wlan guest
  no shutdown
  exit
  
```

Enter the following commands:
 Password: **admin**
 Username and password:

Speed: 19200	Flow Control: None
Data Bits: 8	Stop Bit: 1
Party: None	Flow Control: None
Default IP Address	

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