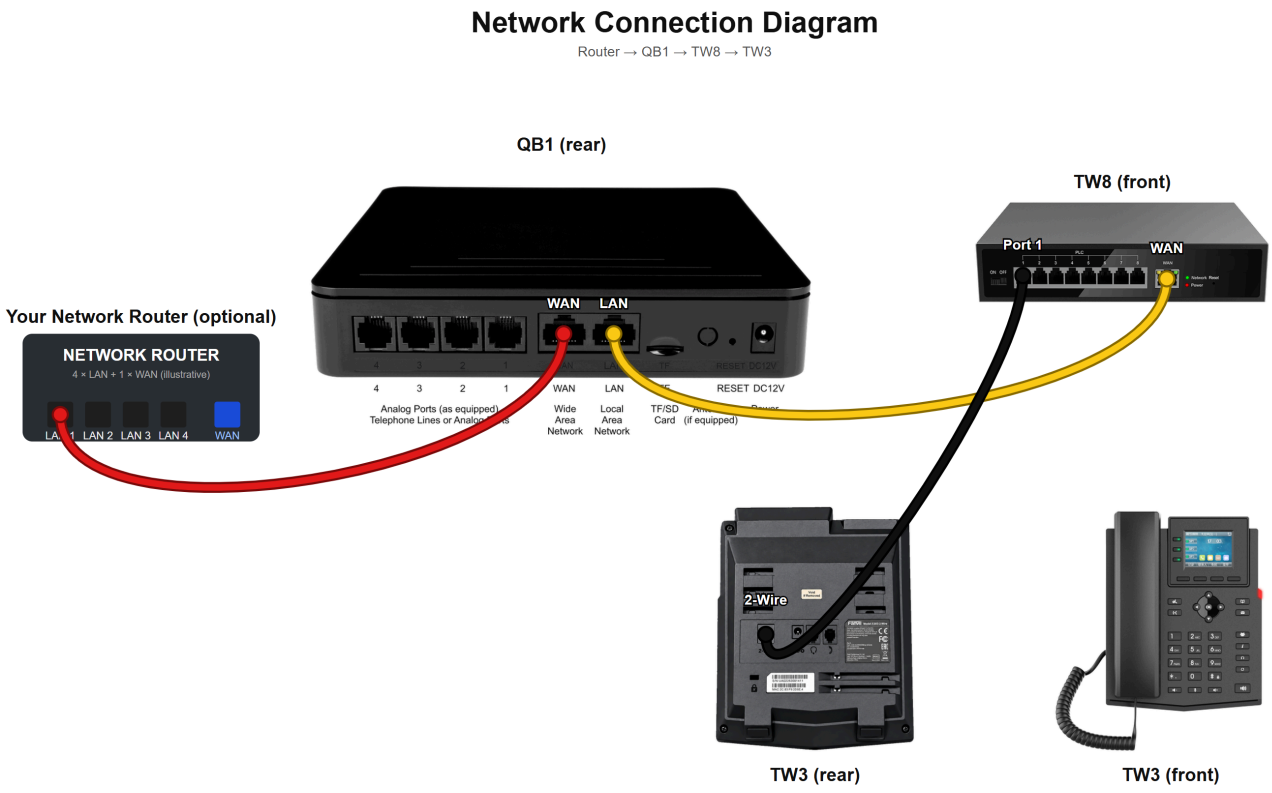
XBLUE X16 2.0 (TWQB) Quick Setup Guide

1. Before You Start

Gather the following before you begin:

- The QB unit and its power adapter [confirm what is in the box]
- A network cable for the LAN connection
- A phone cable for each analog line from your provider
- A computer on the same network for configuration (if required)

2. Wiring Overview

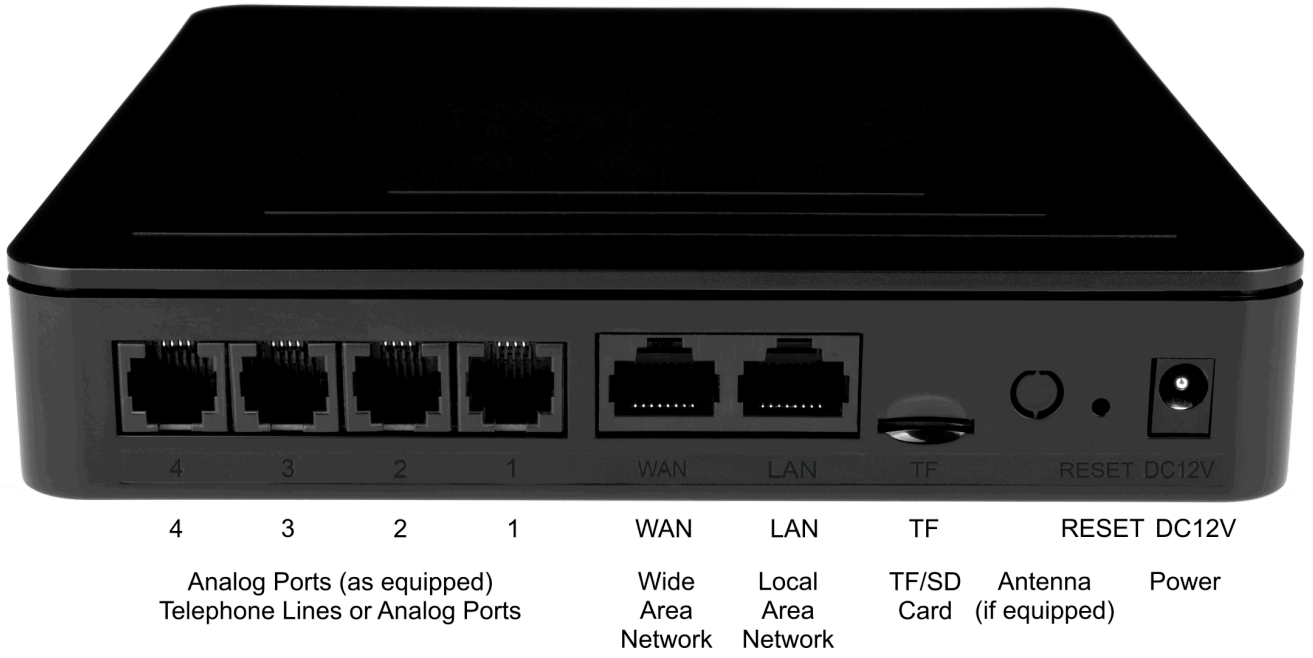


3. QB Hardware Overview (Rear Panel)

The rear panel has the following connections, from left to right:

- **RJ11 ports (4):** connect analog phone lines or telephones.

- **WAN:** connects to your router or internet connection (if necessary/if desired).
- **LAN:** connects to the TW8 or TW24 Telephone Wiring Data Switch.
- **TF slot:** microSD (TF) card slot (optional call recording etc.).
- **Antenna socket:** connects the antenna (not used).
- **Reset:** small recessed button for restoring the unit. **DO NOT USE THIS UNLESS INSTRUCTED TO DO SO BY A XBLUE TECHNICIAN!**
- **Power:** DC power input (USE ONLY the power adapter provided).



4. Connect the Hardware

1. Place all units on a flat surface with space around each for air circulation.
2. When internet connection is required connect the WAN port of the QB server to your router with a network cable (this will be required for advanced features implementation or XBLUE technician access if you need support).
   Connection to a PC will be required periodically to adjust the time and date.
3. Connect your analog telephone lines to the RJ11 ports of the QB1 (Ports 1-4).
4. Plug in the power adapter of the QB and wait for the unit to start up. Startup is complete in about 2 minutes. The QB is ready when the Power Lamp in ON and the System Lamp is flashing rhythmically.
5. Plug in the power cord for the TW8/24.
6. Connect the LAN of QB to the TW8 (or TW24) WAN Port.

7. Using RJ11 connectors (not included) make connections from the TW8/24 to the telephone wiring.

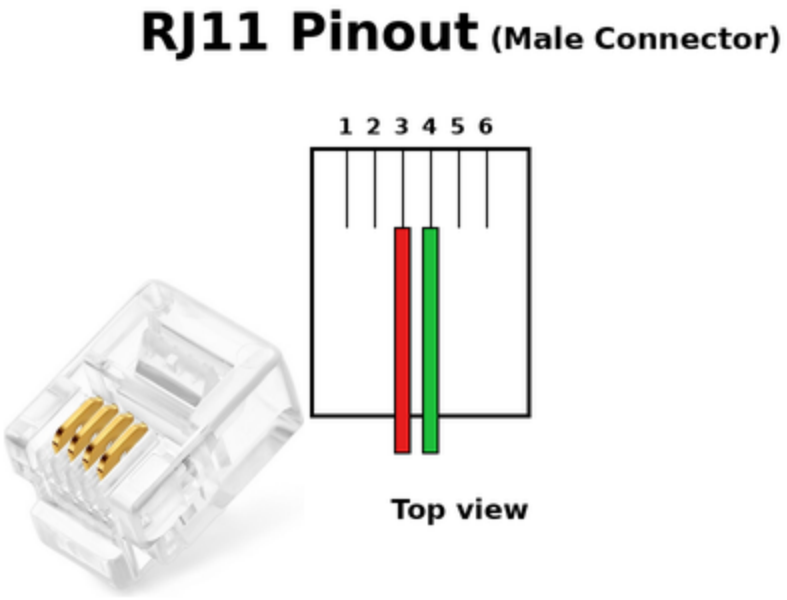


You may need RJ11 connectors which are not included.

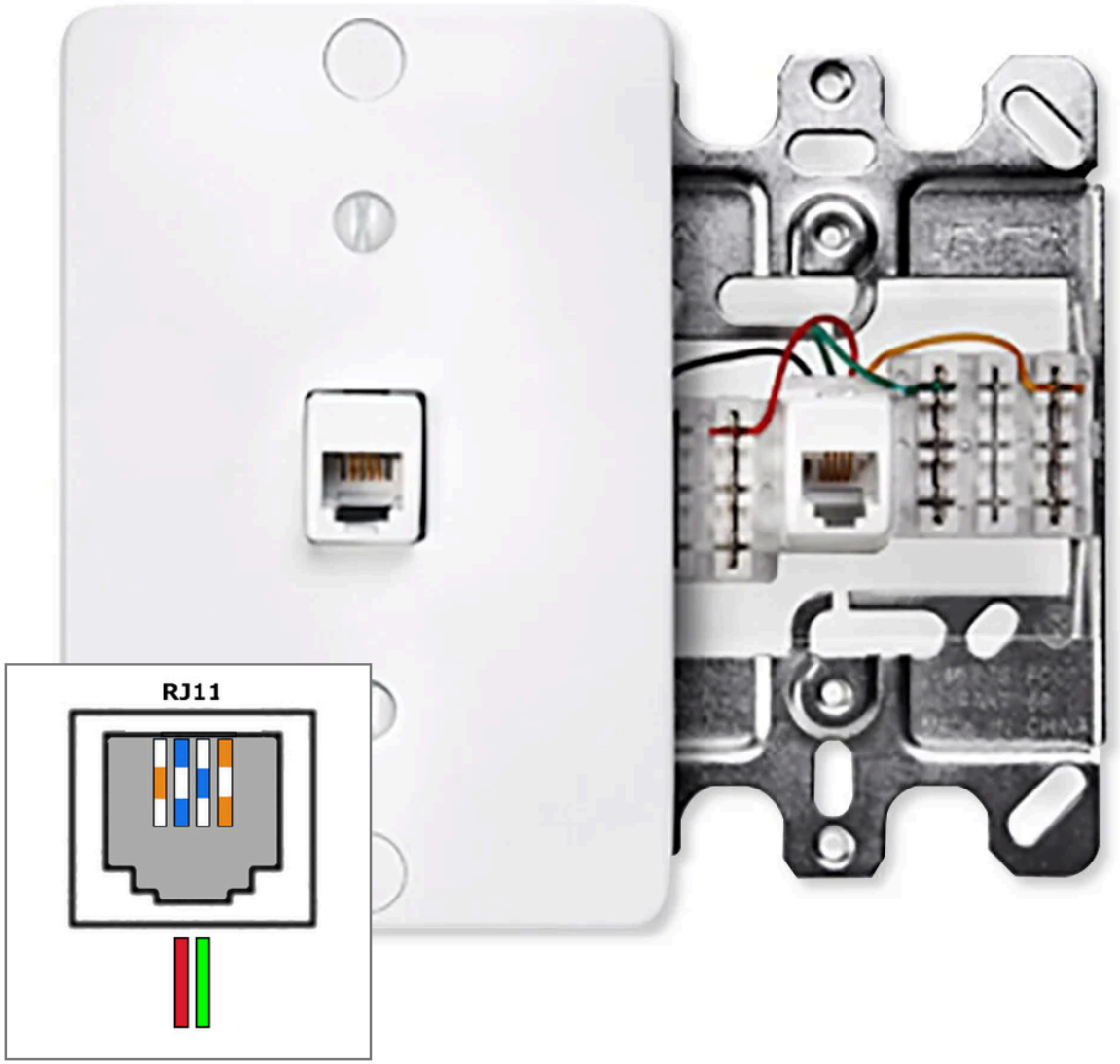
a. Lowes Connectors https://www.lowes.com/pd/IDEAL-24K-Gold-Plated-Flex-Pin-Audio-Connector/1002791
   Lowes Crimping Tool https://www.lowes.com/pd/Mecale-RJ45-RJ11-RJ12-Ethernet-Crimping-Tool-Kit-for-4-6-and-8-Pin-Modular-Plugs-with-Wire-Stripper-and-Connectors/9473031
   Similar tools and connectors are available at Home Depot.
   Only the **center two** PINS in the connectors are used. (usually Red & Green)

b. Connect one cable PAIR (2 wires) from each PLC port on the TW8 /24 to each TW3 Telephone "2 Wire" port for the total number of phones being installed. One port per phone. Pre-installed cables can be used. For best results Category 3 or greater telephone cabling should be used.

c. Connections at TW8/24:
   Note that Category 3 cabling the Green lead will be Colored White/Blue and the Red lead will be colored Blue/White.



d. Connections at the telephone location (wall jack):



5. Telephones Power Up

1. Telephones are pre-configured for extension numbers 101-1xx for the total number of phones purchased.
2. Dial other extensions in the system by dialing their extension number and then lifting the handset.
3. All telephone lines are set to ring the phones for 20 seconds and then go to voicemail.
4. The three buttons at the left side of the display are Hold 1 Hold 2 and Hold 3.
    a. Use the Hold keys when you want to pass a call to another extension.
        i. While on the call press any available (Green) Hold key.

ii. The Hold key selected will flash Red at all phones.

iii. Then make a call to the extension you want and tell them to press that Hold key to take the call.

iv. When a call is retrieved from a Hold key that key becomes immediately available for another call.

5. If changes are desired in the settings a PC must be connected to the same network.
6. If you require support from XBLUE USA-based technicians it is important to connect the QB WAN port to an available LAN port on your router for the technicians to access the QB system. (This is temporary and is not needed once changes have been made.)

6. Log In and Basic Setup

1. Your Telephone Wiring QB without Internet Connection is set to IP Address 192.168.5.150.
2. When a PC is connected to the LAN port of the QB server it must be set to the same subnet (192.168.5.x) but a different device number (e.g. 192.168.5.2)
3. Open a browser (Chrome, Edge, etc.) and input the IP Address of the server (192.168.5.150) and press return. This will open the login page.
4. Input the username and password:
   UN = admin
   PSWD = XBLUEqb12&3
5. Make your changes and then click on the Apply button in the upper right corner of the admin screen.
6. Log out of the QB system and reconnect the LAN port of the QB to the TW8/24 WAN port (if you connected the PC to the QB LAN port).
   NOTE: when calling XBLUE Support the QB WAN port is connected to the ISP (Internet Service Provider) router LAN port. You can then access the QB server without making any network adjustments and XBLUE technicians will be able to access your QB server remotely and assist you with the changes you wish to make.

Support

Support is free for a full year after purchase. Support is always free when you subscribe to XBLUE Telephone Lines (an internet is required for this feature).

Call for support: 866-925-8312