

# X16 System Components



## X16 Telephone Highlights



Plug the system in to power it up. Once powered up, the system's blue LED will blink rapidly, 4 impulses per second (IPS). After 5 seconds, it will begin blinking at the normal operational rate of 1 IPS. To ensure that the X16 system is initialized properly, switch the "INIT" switch back and forth three times within three seconds. When the LED returns to 1 IPS, the system will be fully operational.



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The **X16** system can be placed on a table or mounted on a wall. It should be located close to where the telephone lines come into the building and plugged into a 110 electrical power outlet. Only the **X16** system needs to be plugged in, all of the **X16** telephones and the Cordless Telephone Module are powered by the system.



The **X16** comes equipped with four (4) Telephone Company Lines, which are labeled "Central Office". They are also labeled as 1/2, 2, 3/4, and 4. By adding a 1630-00 2-Port Expansion Telephone Line Card the system it can be equipped with two additional Telephone Lines, labeled 5 and 6 for a total of six (6) Telephone Company Lines.

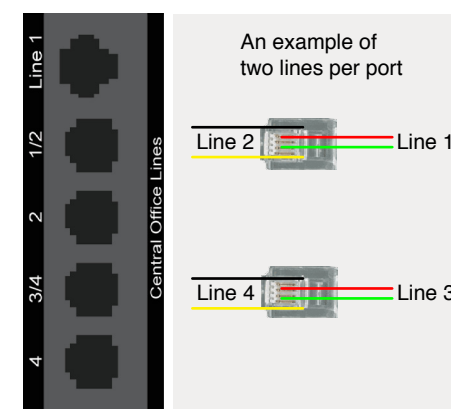
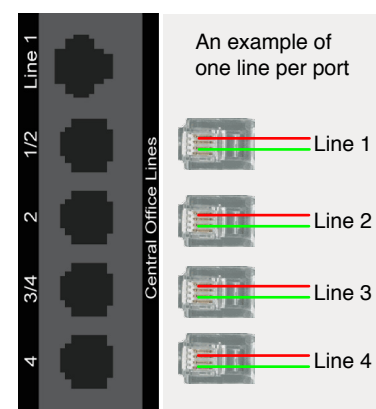


Telephone lines are usually found on the center pair (Red/Green) of the telephone jack (RJ11). Sometimes a second line will be connected to the outer pair (Black/Yellow) (RJ14). The system is designed to accommodate both types of installations. When using only the center pair, connect 1 telephone line to each of the 4 ports in the system. When using both the center and outer pairs, use only ports labeled 1/2 and 3/4 to connect all 4 telephone lines.

Function	Label on X16
Line 1 Fail over	Line 1
Telephone Line 1	1/2
Telephone Line 2	2
Telephone Line 3	3/4
Telephone Line 4	4
Telephone Line 5	5
Telephone Line 6	6

Your existing cabling will determine how the telephone lines will be connected to the system.

Note: The port labeled "Line1" is not used for a telephone company telephone line. It is designed to give you access to the telephone company line 1, which is plugged into the Central Office Port labeled 1/2. This is useful during a Power Failure or anytime you want to access line 1 from a cordless telephone.



Your installation may look something like this.

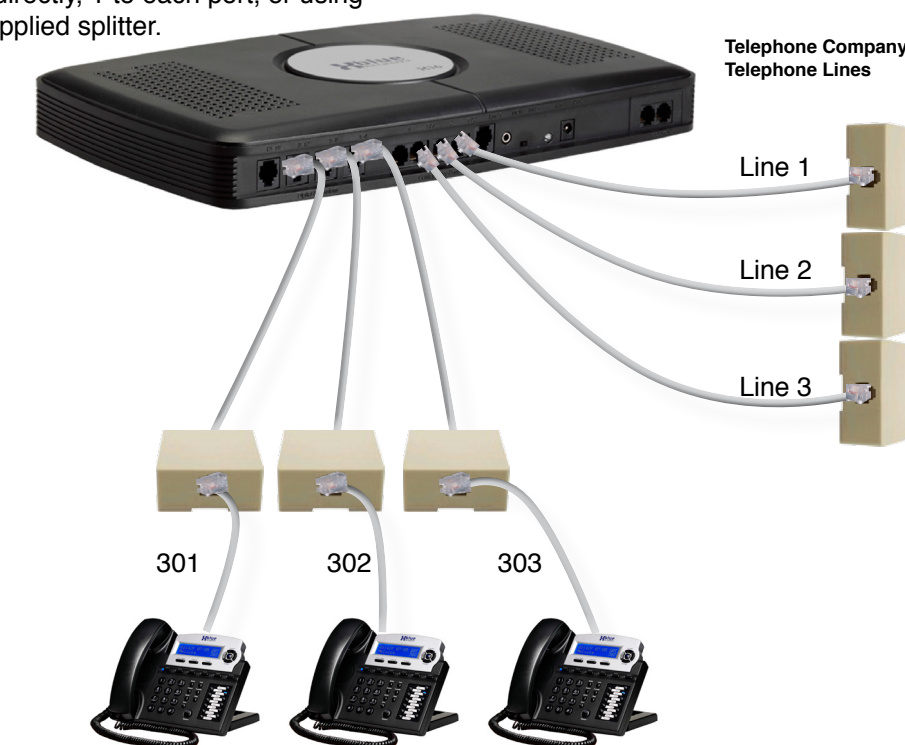
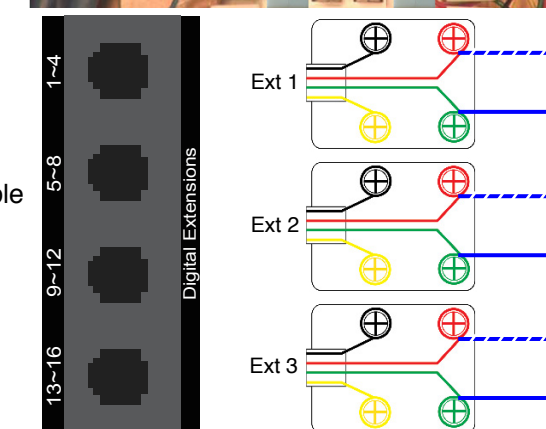
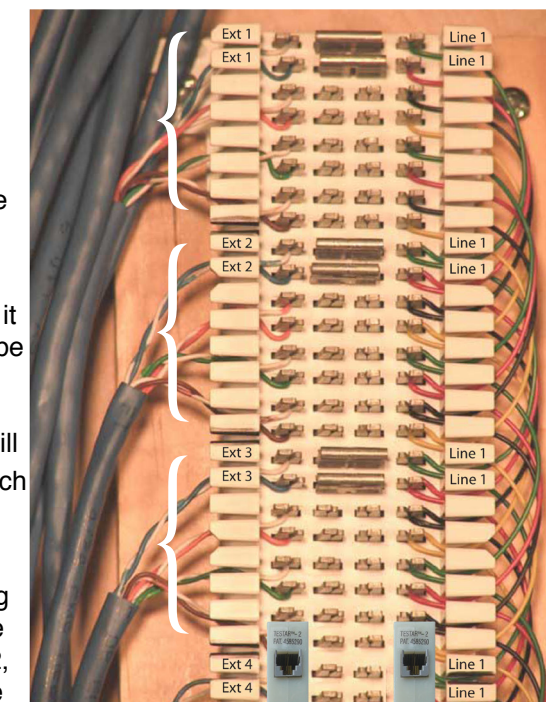
In this example, The telephone company's telephone lines are connected on the right side and telephone line 1 is looped to all of the extensions, 1, 2, 3 and 4, which are connected on the left side.

When ordering your telephone lines, it is a good idea to ask for the lines to be delivered on a "Surface Mount Jack" or with existing installations you can use a "Testar\_2 Connector", which will make the installation of the **X16** much easier.

Telephone professionals use a standard color code when connecting telephones and telephone lines. The white/blue pair, indicated by "Ext 1, 2, 3 and 4, is normally connected to the office's telephone jack.

One way to reconfigure this type of installation is to remove each of the extension (Ext) cables and connect the white/blue cable to the red wire and the blue/white (or solid blue) cable to the green wire. Another way, is to connect a "Testar\_2 Connector" (see Ext 4), which simply slips over the pins.

Now connect the supplied line cords between the surface mount jack or Testar\_2 connector and the ports in the **X16** system. You can connect them directly, 1 to each port, or using the supplied splitter.

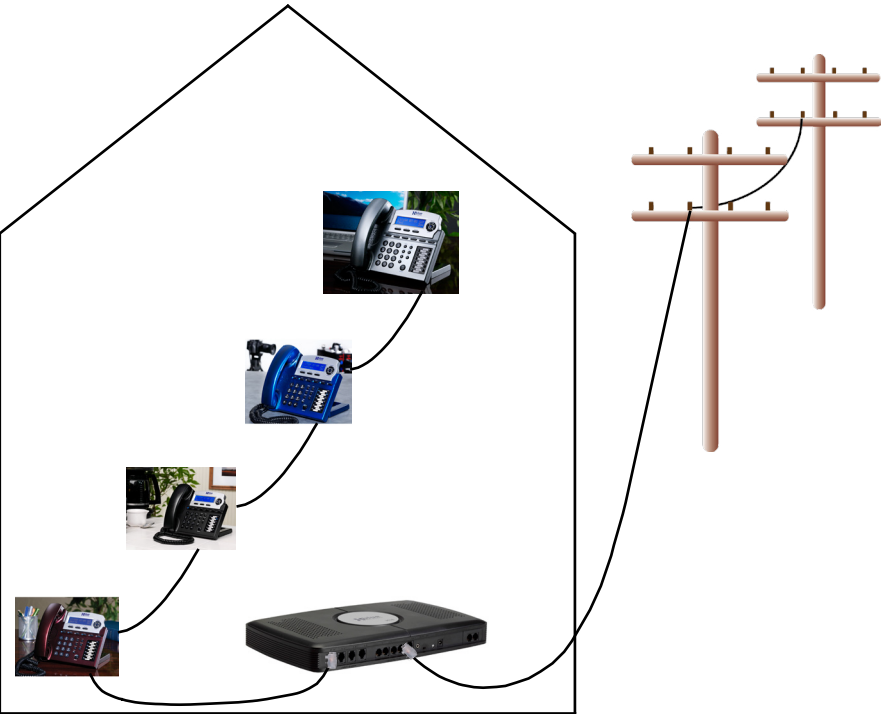


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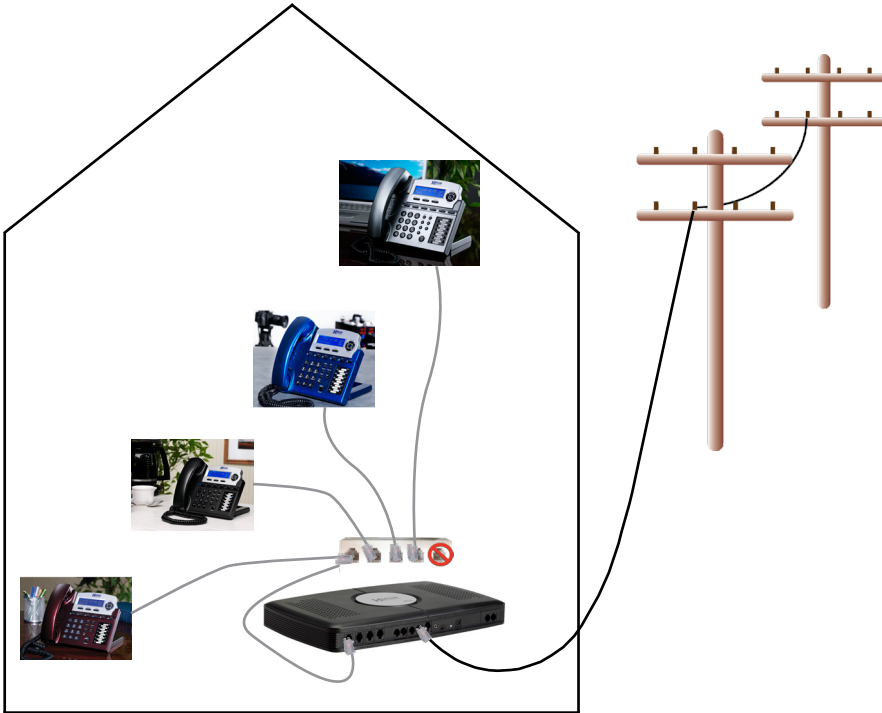
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**Loop wiring**, which is similar to the wiring found in most homes should be sufficient to run this system. However, older homes may need to updated wiring. In this example, up to four (4) telephones can be connected to the same cable.

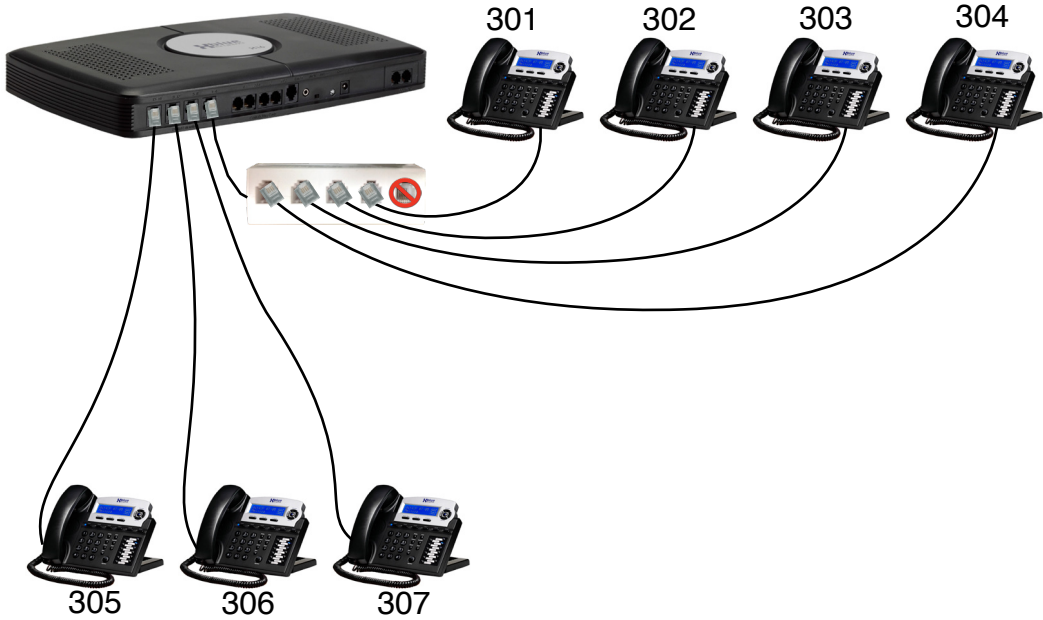


**Home Run Wiring**, also known as star topology can be found in office buildings and some newer homes. In this wiring scheme each of the four (4) **X16** telephones are plugged into the supplied “Telephone Connector”, which is then connected into one of the ports on the **X16** system. Up to four (4) “Telephone Connectors”, each supporting up to four telephones, for a total of sixteen **X16** telephones, can be connected to one **X16** system. Additional “Telephone Connectors” (XB1698-XB) can be purchased separately.



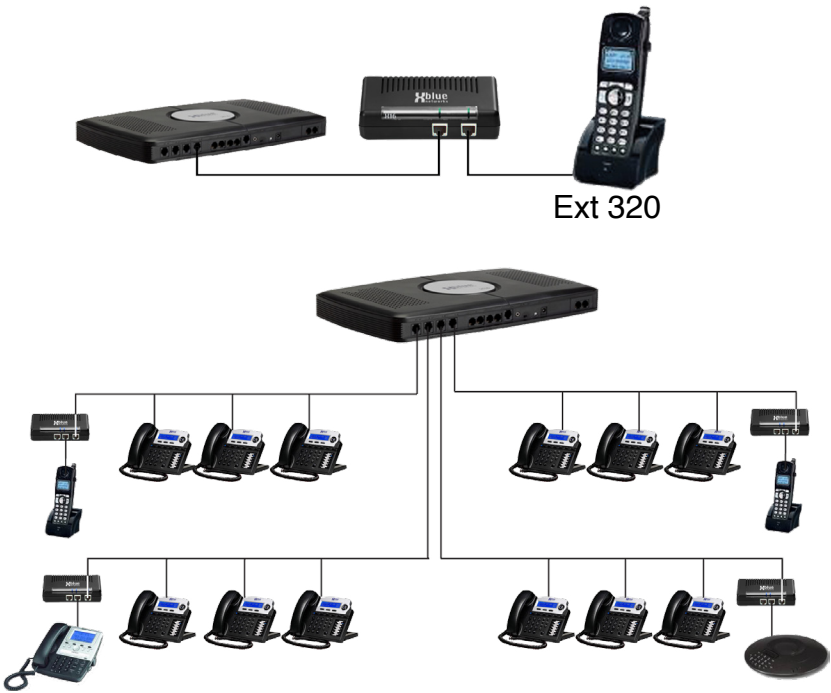
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The **X16** has four (4) extension ports labeled “Extensions” each supports one or more **X16** telephones. Each **X16** telephone is programmed with a unique extension number starting with 301 (cordless telephone modules start with 320), which allows each user to call or intercom each other.



**Cordless Telephone Module (Part Number 1645-00)**

The Cordless Telephone Module, sold separately, is used to connect any standard Corded, Cordless or Conference Room Telephone to the **X16** system. Each Cordless Telephone Module takes the place of one (1) **X16** telephone and you can have up to 15, the system requires one **X16** digital telephone, on one **X16** system. The Cordless Telephone Module can be placed anywhere between the **X16** system and your corded, cordless or conference room telephone and it is powered by the **X16** system so there is no need for an electrical outlet.



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**Registering X16 Telephones**

When the **X16** system comes on line, only extension 301 (Cordless Telephone Module default is 320) will automatically register. All other extensions must be registered using the following programing steps:

1. Press the program button
2. Select Phone Setup
3. Press the center navigation button
4. Press the down navigation button twice to see “Extension No”
5. Press the center navigation button
6. Enter the desired extension number between 302 and 399
7. Press the center navigation button

Each extension must have a unique extension number. Therefore, if the **X16** system detects that the entered number is already in use, the display will show “In Use”. Please enter a different extension number.

For Proper operation, be sure to reset, by unplugging the system after all **X16** telephones are connected.

**Set All Phones to Ring and Record Greetings**

At default the Automated Attendant answers all calls. Use the following steps to have the telephones ring first:

1. Press the program button
2. Select System Setup
3. Press the center navigation button
4. Enter the password - the default is # # # #
5. Press the center navigation button
6. Press the up navigation button twice to see “Mail System”
7. Press the center navigation button
8. Press the down navigation button to see “Auto Attend Ring”
9. Press the center navigation button
10. Press the down navigation button to see “All Ext On”
11. Press the center navigation button to save the entry
12. Press the down navigation button to see “AA Answer Delay”
13. Press the center navigation button
14. Use the up navigation button to select how long a call should ring before going to the Automated Attendant, usually 20 to 25 seconds
15. Press the center navigation button to save the entry

**To Re-record the system Outgoing Message (OGM)**

16. Press the down navigation button to locate “Day Time OGM” and then “Night Time OGM.”
17. Press the center navigation button
18. Press the up navigation button to see “Re-record”
19. Press the center navigation button to begin recording
20. Press the center navigation button to stop and review the recording

Do not return this to the place that it was purchased.  
For Technical Assistance call XBLUE Networks’ help desk 866-925-8312

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