



PREWIRE QUICK GUIDE

2025

TVS

Basic Wiring

- (1)Cat6a, (1)Cat6, (1)RG6 Coaxial per TV

Media Rooms & Main Viewing Tvs

- Add 1.25" Flexible Conduit and/or OM3 Multimode Duplex Fiber
- For recessed or flush mount TVs, use a TV Box



TV BOX



SURROUND SOUND

Speaker Wire

- 16/2, 14/2, or 12/2 Speaker per speaker

If you're spending \$10,000+ on Speakers & Amps, use 14/2 or 12/2



THEATER

Projector

1.25" Flexible Conduit, (2)Cat6a, (1)OM3 Multimode Duplex Fiber
If you can't get Conduit to the Projector, add 1-2 HDMI to be safe

Surround Sound

See Surround Sound Section



A modern living room with a starry ceiling, a large sectional sofa, and a leather ottoman. The ceiling is dark blue with numerous white stars and a nebula. The sofa is dark blue with several pillows, and the ottoman is brown leather. The room has a contemporary feel with abstract art on the walls and a brick fireplace in the background.

STAR CEILING PACKS

email_design@tymhomes.com



HOME AUDIO

Stereo Speakers

(1)16/2 per speaker

Dual Voice Coil Speaker

(1)16/4 per speaker

If you have a 2 channel setup, or listening room use 14/2 or 12/2

**Center with
the lighting.**



USE SPEAKER BRACKETS

IT HELPS THE
DRYWALLERS
**CUT OUT A
PERFECT HOLE
FOR**



TOUCH SCREENS

Touch Screens, iPad Charging Stations, & Voice Control

(1)Cat6 per device



SHADES

Every Manufacturer has its own recommendations. You're best to select shades, and wire to those specs. If you have to prewire before you select shades, we recommend the following...

- Ice Cable Lutron Wire, or
- (1)Cat6 and (1)16/4



SECURITY

Cameras & Video Doorbells

(1) Cat6 per camera or video doorbell

For Video Doorbells, electricians still need to wire it like a regular doorbell with chime

Security Sensors & Keypads

(1) 22/4 per sensor or keypad



NETWORK

Ethernet For Hardwired Devices

(1)Cat6, Cat6a, or Fiber

Wifi Access Points or Hot Spots

(1)Cat6, Cat6a, or Fiber





NEED HELP?

linktr.ee/smarthomebrothers