

## ))) Reception Tips (((

For antenna info, visit: [www.antennaweb.org](http://www.antennaweb.org), [www.tvfool.com](http://www.tvfool.com), [www.solidsignal.com](http://www.solidsignal.com), or [dennysantennaservice.com](http://dennysantennaservice.com).

**Is it possible to receive Channel 16 if you have cable? Yes!** You *may* need these items:

Antenna (UHF) outdoor is better than indoor (cost: \$5-\$100 indoor, \$45-\$130 outdoor)

A-B Switch (cost: \$5-\$18), or (for satellite/broadcast reception) a satellite/antenna diplexer (\$20 at Radio Shack).

RG-6 Coaxial cable 3' -25' (cost: \$6-\$30 depending on length).

Converter box, if you have an analog TV (Cost: \$50-\$60).

Indoor amp: e.g., Winegard HD A-0200, or Outdoor pre-amp: e.g., Winegard AP 8275, or AP 8700, or Winegard LNA 200.

### Instructions for a digital TV:

Plug **cable TV cable** into one side of the **A-B switch** and the **antenna coax cable** into the other.

Connect the **short coax cable** (3'-6') to "Out to TV" and plug other end of the coax cable into "Cable/Antenna IN" on the back of TV. Make sure your cable channels work. If they don't, flip the switch on the A-B switch. They should now work. After they work, flip the A-B switch so that it is in the antenna reception mode. Next, go into MENU on channel changer. Go to "external inputs" and click to "cable off," or "antenna," or "standard." Then go to "Channels" and press "scan" or "auto program." You should now be able to receive channel 16. To go back and forth between cable and antenna reception, go to the MENU and switch between cable and antenna reception, and flip the switch on the A-B switch. Main point: If your A-B switch is set to receive a cable signal, your TV must be set to receive a cable signal; if your A-B switch is set to receive an antenna signal, your TV must be set to receive an antenna signal.

### Instructions for an analog TV:

Plug cable TV cable into "A" side of A-B switch. Connect coax cable to "Out to TV" on the A-B switch. Plug other end of the coax cable into "Cable/Antenna IN" on the back of TV. Make sure your cable channels work. If they don't, flip the switch on the A-B switch. Once cable is coming in, flip switch on the A-B switch. You should now receive no cable channels.

Plug antenna into converter box, and coax cable from output on the converter box into "B" side of A-B switch.

Set TV to Channel 3 and PUT THIS TV CHANNEL CHANGER/Remote ASIDE. Get channel changer for converter box. Go to MENU and scan for channels. 16 should come in. To go back to cable reception, flip the A-B switch. When you want to go back to antenna reception, set the channel to 3 using the TV channel changer, flip the A-B switch, and then control channels using the **converter box channel changer**. Main point: If your A-B switch is set to receive a cable signal, your TV must be set to receive a cable signal; if your A-B switch is set to receive an antenna signal, your TV must be set to the receive an antenna signal mode.

**Other helpful suggestions:** Regarding antennas, outdoor is better than indoor. Higher up in the house, such as rooftop or attic (even higher in a room), is usually better than lower (basement). We broadcast from the top of the IDS, so you want the most unobstructed shot (e.g. near a window, no trees) between your antenna and the IDS that you can get. Stucco houses (enclosed in wire mesh), thick or multiple walls and basements impair your ability to receive Channel 16. **The best indoor antenna we have found is the Antennas Direct Clearstream C2V cost \$77.00** through Solid Signal.com, or \$99.00 at Best Buy or Wal-Mart. Cost of the base, through Solid Signal is an additional \$15.00. You may need to buy a short length of **RG-6 coax cable** at the same time. SolidSignal.com has good prices and online antenna advice. Another possibility is the Winegard FV HD-30 available at ShopJimmy.com 651-251-5700, **2300 West Highway 13, Burnsville, MN 55337**, cost \$40.00. We found many of the above listed components at Radio Shack, Best Buy and Wal-Mart, though Wal-Mart doesn't have A-B switches. Possibly check the Yellow Pages under Television-Service & Parts for a smaller retailer near you. We are told Plaza TV, East Lake TV and Golden Valley TV might have these components, but there are many others. A good outdoor antenna is the Winegard HD 7697. For outdoor antenna sales and installation locally, you might call: for west metro, (Hutchinson, St. Bonifacius, Waconia) Duane at Electronic Servicing 320-327-2742; St. Louis Park, Minneapolis, Rick Nichols 952-941-9067; St. Paul: Robert Paul Installation 651-271-6819; Stillwater area: Johnny's TV, 651-439-5965; Elk River: Minnesota Electronics, 320-251-2951; LeSeuer: Butch Ward TV, 507-665-6900; Cannon Falls: GS Antenna 507-775-2548; Faribault: De Grood TV: 507-332-7495. We are not recommending these businesses; we just know they sell and install.

### Instructions for an older (analog) TV with no cable:

You need an antenna (see "Other helpful suggestions" above) and a converter box. Aim your antenna at the IDS. Set TV to channel 3. Put that channel changer aside. Using the converter box channel changer, go to the menu and scan for channels.