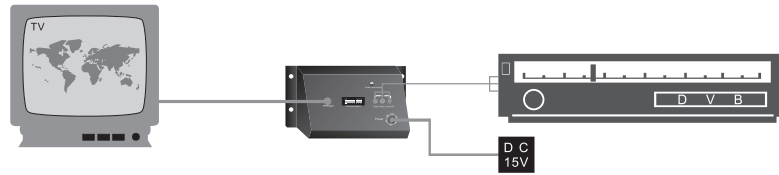## 550-080 Installing Explains

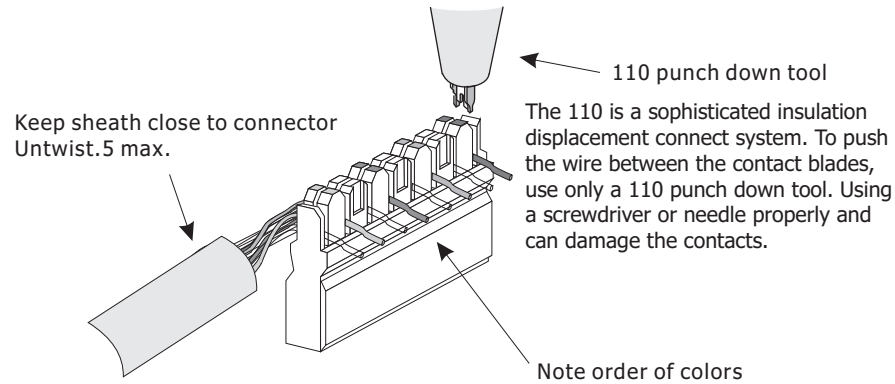**Instruction:**

To switch the channel according to the channel list, controlled by DIPSW.

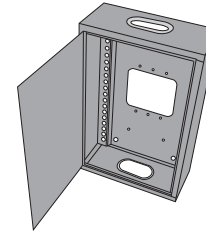For example, D47 CH, you can have DVB signal when switch the TV to channel 47.
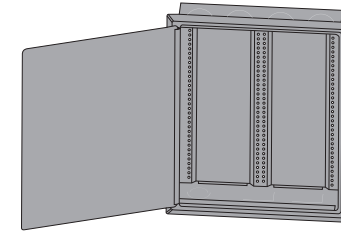
## Wiring a 110 connector

Keep sheath close to connector Untwist.5 max.

110 punch down tool

The 110 is a sophisticated insulation displacement connect system. To push the wire between the contact blades, use only a 110 punch down tool. Using a screwdriver or needle properly and can damage the contacts.

Note order of colors

### Wiring Instruction

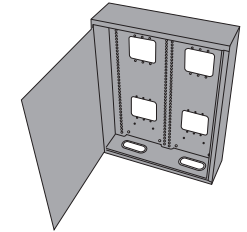| Punch Down Terminals | T568A Wire Color | T568B Wire Color |
|---|---|---|
| PIN-1 | White/Blue | White/Blue |
| PIN-2 | Blue | Blue |
| PIN-3 | White/Green | White/Orange |
| PIN-4 | Green | Orange |
| PIN-5 | White/Orange | White/Green |
| PIN-6 | Orange | Green |
| PIN-7 | White/Brown | White/Brown |
| PIN-8 | Brown | Brown |

# RESIDENTIAL STRUCTURE WIRING SYSTEM

**550-100**
Master of Wall
Wall mount redidentid structrue
Wiring enclosure accept
Any 3 of following components:
550-010, 550-020, 550-030, 550-040,
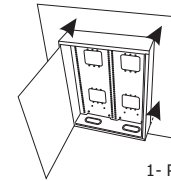550-050, 550-060, 550-070, 550-080
Size: 260 x 170 x 85 mm

**550-200**
Master of Wall
Wall mount redidentid structrue
Wiring enclosure accept
Any 8 of following components:
550-010, 550-020, 550-030, 550-040,
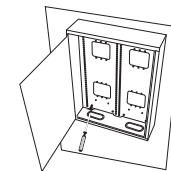550-050, 550-060, 550-070, 550-080
Size: 540 x 365 x 95 mm

**550-105**
Master of Wall
Wall mount redidentid structrue
Wiring enclosure accept
Any 7 of following components:
550-010, 550-020, 550-030, 550-040,
550-050, 550-060, 550-070, 550-080
Size: 480 x 368 x 110 mm
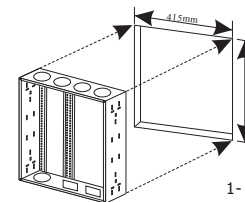
### 550-100, 550-105 Installing Explains

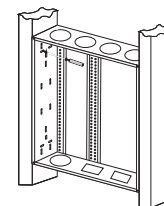1- Put well the box according to the need.

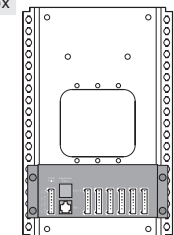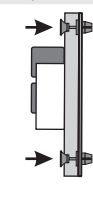2- Fix the box with the screw.

### 550-200 Installing Explains

1- Put the box into the wooden shelf.
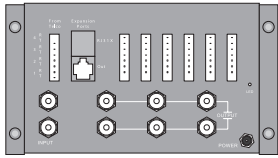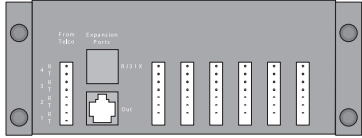
2- Fix the box with the screw.
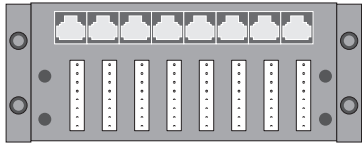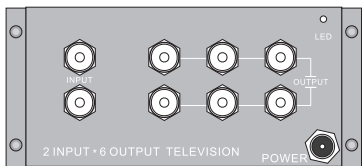
Packing the products into the box

**550-010**
Starter System
RF splitters and telephone punch downs, RF splitter is the distribute antenna or cable TV to every room of the house.
Telephone (4 lines x 6 phone connections for 1-4 phone lines to every room.)
SPEC of RF splitters: SPEC of Telephone;
Insertion: 0 ± 1 db  According to CAT5 standard
Isolation: 20 db
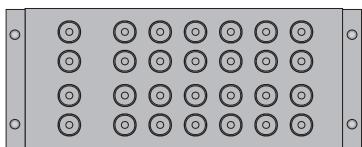Return loss: 10 db
Size: 165 x 110 mm

**550-020**
Telephone Hubs (4 lines x 6 phones)
Connections for 1-4 phone to every room, with expansim port.
Starter hub adds RJ-31X jack for.
SPEC:
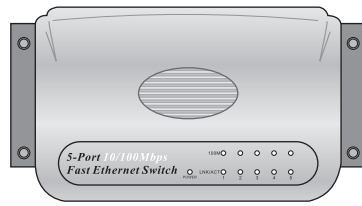According to ISO/IEC standard.
Size: 165 x 64 mm

**550-030**
Data Hubs
Termination blocks for the CAT5cables, Etherent Hubs. Bring the internet to any room in the home. Or creat a home data network.
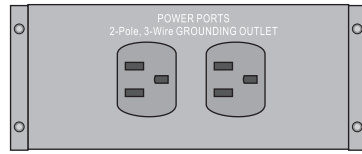SPEC:
Accroding to CAT5 standard
Size: 165 x 64 mm

**550-040**
2 Input x 6 Output Television
Or cable TV to every room of the house.
RF solitter is the distribution antenna.
SPEC:
Insertion: 0 ± 1 db
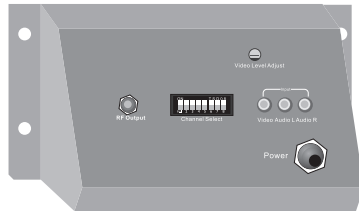Isolation: 20 db
Return loss: 10 db
Size: 165 x 64 mm

**550-050**
Audio Splitter (1 input x 6 output)
The audio splitter is a distribution, distribute audio signal to six room in the home.
Size: 165 x 64 mm

**550-060**
HUB (1 input x 5 output)
SPEC:
Network standard: IEEE 802.3 / IEEE 502.3u
10/100 Mbps Port (RJ-45): 5
Uplink Port: Slide Switch
Extension Port: All ports
Power Supply: 12V DC 0.5 A
Size: 165 x 64 mm

**550-070**
Power Ports
2-Pole, 3-Wire grounding outlet

**550-080**
The modulator is a digitally tunes video modulator that converts any baseband video and audio signal to a user-selected UHF or Ultraband CATV channel.
An internal quartz crystal RF oscillator and PLL circuitry ensure drift-free performance.
The user selects the output frequency (channel) using the DIP switch on the output via coax can receive the signal, when tuned to the proper channel.
SPEC:
Output channel modulator: CH 14 - CH32
Video carrier: 15 ± 3 db
Video amplitude frequency characteristics: ± 3 db
Differential phase (dp): 10%
Differential gain (dg): 10%
Video input impedance: 75 Ω
Sound carrier frequency (The difference between the video carrier and audio carrier frequency): 4.5 ± 0.005 MHz
Audio amplitude frequency characterist: ± 3db
Sound distortion: 2% max
Sound S/N: 40 db min
Size: 165 x 64 mm

From telephone company 4 lines — RJ-31X — 4 lines to 6 telephone wall plate
INPUT — Extend — OUTPUT
**550-010**

Input — Output
Input — Output
**550-040**

Input — Output x 6
**550-050**

RJ-31X
From the telephone company 4 lines — Extend — 4 lines to 6 telephone wall plate
**550-020**

CAT-5 JUMPER
**RS-009**
4 lines to 8 telephone wall plate

Input — Output
**550-030**

From Server — To Workstation
**550-060**

Output — Power Supply
**550-070**