

1516 Maddox Lane
Monroe, GA 30656

MODEL TDO-2100-6 Series
FORM #25-2110-06

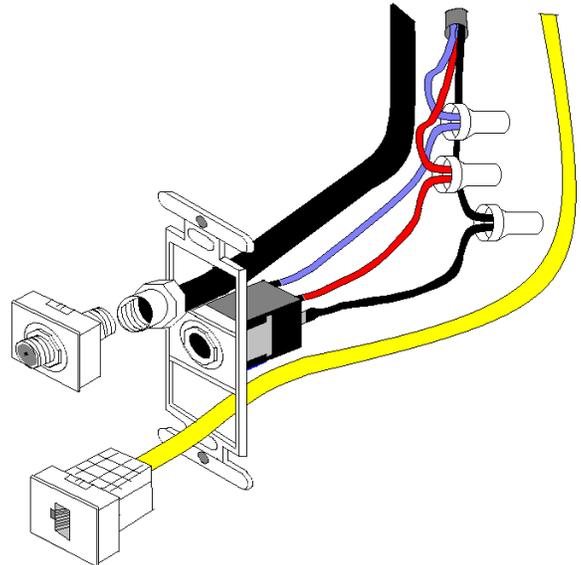
TOOLS REQUIRED: Standard Phillips Screwdriver
Wire Cutters / Strippers / Crimpers or combo tool
Coaxial cable prep and stripping tool
F-fitting crimping tool & F fitting for coaxial cable used
Push blade or small flat-blade screwdriver for CAT-5 IDC connections
Common Sense

PACKAGE CONTENTS:

Multiple Convenience Outlet with F-81 and Cat-6 Inserts
Box mounting screws (2)
Crimp connectors (3)

With all models, the following color-coding applies:

Wire Color	Location	Function
R = RED	TIP	Audio High (+)
BL=BLUE	RING	TV Channel Relay High (+)
BK=BLACK	SLEEVE	Common (Grd)



NOTE:

It is imperative that when attaching to four-wire nurse call station control wiring where the TV Channel Change control common is to be combined with the Audio Common that you properly identify them so as not to confuse the TV channel Change (high) with the TV common wiring. Even though in most cases when using standard analog pillow speakers that it may not cause a problem, it will however be problematic when using the new generation digital and interactive pillow speakers and some late model nurse call specialty interfaces such as for Hill-Rom, Executone and some models of Rauland.

Please follow the directions in sequence:

1. Remove existing TV control faceplate if present and prepare the coaxial cable with the appropriate F fitting.
2. If you haven't already done it, you had better have determined the TV control cabling color to function requirements.
3. Prepare your nurse call to TV control cabling and observing the note above, attach the appropriate wiring to the MCO's three wires and using the crimp connector supplied, crimp a secure connection for each.
4. Route the coaxial cable thru the top opening and the CAT-5/6 cable through the bottom opening in the new MCO. Orient, and using the two mounting screws supplied, mount the MCO onto the back-box with the RF connector at the top.
5. Spin the entire MCO's F-81 insert onto the newly prepared F-fitting cable connection you made in step 1 above. Snap insert into MCO outlet chassis.
6. Using your approved UTP style A or B, connect the CAT-6 cable to the marked IDC points of the included RJ-45 insert. (See rear for detailed connection instructions)
7. Snap Rj-45 jack into place and then install the trimplate.
8. Connect the TV antenna whip to the F-81, plug in the TV's control cable (3 conductor phone plug) and data line (RJ-45)
9. Set-up TV as your particular project protocol requires.
10. Verify nurse call station's pillow speaker works properly.
11. You are done, clean up your scraps, pick up your tools, and get onto the next room!
12. and;

Thank you for choosing DICOM products!

CAT-6 JACK TERMINATIONS

CAUTION: TERMINATE UTP PER SPECIFIED WIRING SYSTEM 'T568A' or 'T568B'.

568A
8P8C

568B
8P8C

USOC
6P6C

RJ45
8P8C

RJ25C
6P6C

NOTE: When terminating cables to UTP, lace wires from the center to the outside of the module. Install stuffer caps after terminating cable.

WIRING CHART

110C-4 INSERT COLOR CODE	RJ25C 6P6C USOC WIRING	RJ45 8P8C T568A WIRING	RJ45 8P8C T568B WIRING
WHITE/BLUE	4	5	5
BLUE/WHITE	3	4	4
WHITE/ORANGE	2	3	1
ORANGE/WHITE	1	6	2
WHITE/GREEN	5	1	3
GREEN/WHITE	6	2	6
WHITE/BROWN	7	7	7
BROWN/WHITE	8	8	8

110 BLADE

RECOMMENDED TERMINATION TOOL

PSIHT (TOOL)
PSBLD (BLADE)

RECOMMENDED STRIPPER TOOL

PSST (TOOL)

UTP Module Termination

- STEP 1: Feed station cables through the faceplate. Mount faceplate to the wall without modules installed.
- STEP 2: Strip 2" of cable jacket off station cables.
- STEP 3: Lace color coded wire pairs into the 110 termination until they stop.
- STEP 4: Set face of UTP Module into trac of the faceplate (see note below), or jack holder if using surface mount boxes, with 110 connectors facing out. Using a single pair 110 tool terminate all 4 pairs.
- STEP 5: Push-on stuffer caps over 110 connectors after terminating cable. Repeat steps 3 thru 5 until all UTP Modules are terminated.
- STEP 6: Snap UTP module into trac of faceplate, or set UTP Module into base of surface mount box when using UTP boxes.

Note: When terminating a UTP in either 4, 6, or 8 port faceplate, Pass & Seymour recommends a jack installed in the adjacent corner to provide support during the punch down operation.

