

TELECENTER® IV

SYSTEM DESIGN GUIDE EQUIPMENT DESCRIPTION

TC4001 CENTRAL CONTROL ASSEMBLY:

This unit provides the Memory, Logic and Control Circuits for all switching functions. It contains the 12 watt voice controlled communication module for telephone to speaker communications. Additional equipment is required for controlling the speaker lines. It provides 16 links for direct dialing telephone communications between 10 – Administrative Telephones and Multi-Link Staff Telephones and between Administrative Telephones and remote speakers. The TC4001 Power Supply provides the D.C. power for all Telecenter

TC4400 CALL CONTROL CONSOLE:

The TC4400 console provides 20 programmable keys with red and green LEDs. The keys may be programmed for 1) incoming C.O. lines, 2) direct selection of internal phones, or 3) TC-IV operator lines. Function keys provided are transfer, hold, release and page. The TC4400 requires a line on a TC4150. VFD display shows all normal TC-IV display activity.

TC4410 CPU ASSEMBLY:

The TC4410 is the current CPU card for a TC4001 Central Control. A TC4410 CPU is the required CPU when a TC4400 console is used. Mounts in TC4001. Rack Space required: None.

TC4420 CONTROL CONSOLE INTERFACE ASSEMBLY:

The TC4420 assembly provides serial communications interfacing between a TC4400 console and the TC4410 CPU assembly. Mounts in TC4001. Rack space required: None.

TC4430 POWER SUPPLY:

The TC4430 provides the operating voltage for a TC4400 console. The unit plugs into a standard U ground 115VAC receptacle. The power supply must be mounted at the TC4400 console location.

TC4440 CONSOLE JUNCTION BOX:

The TC4440 junction box includes a P.C. board with connector pins to facilitate the interconnection of the TC4400 console, TC4420 console interface and the TC4430 power supply. Mounts on a single gang box at the TC4400 location.

TM432 GRAPHIC DISPLAY MODULE:

The TM432 Module is used when lamp or LED Annunciator Panels are required in a system. Each module will drive up to 32 indicators with a maximum of eight (8) in a system. The module is normally mounted in the custom Display Panel, but may also be mounted in a TMC433 Chassis.

TMC433 GRAPHIC DISPLAY MODULE CHASSIS:

This chassis houses up to 14 TM432 Modules. Rack space required: 5.25.

TC4202 SINGLE LINE ADMINISTRATIVE TELEPHONE:

Standard dual tone push button dialing telephone with tap button. No display.

TC4211 SINGLE LINE ADMINISTRATIVE TELEPHONE WITH BUILT-IN DISPLAY:

This telephone contains a digital display for call-in information and system programming information. This telephone is required for programming system functions. With tap button.

TC4250 FIVE LINE ADMINISTRATIVE TELEPHONE WITH BUILT-IN DISPLAY:

This telephone provides call-in information on the digital display and system programming information. It is used when the Telecenter IV is interconnected to a key system. Requires a line on a TC4150 for each C.O. Line to be answered.

TC4300 SINGLE LINE ADMINISTRATIVE TELEPHONE:

Standard dual tone push button dialing telephone. The TC4300 is adaptable for either desk or wall use. "Slimline" styling.

TC4200 WALL DISPLAY:

Displays all call-in information with call-in tone and displays information for system programming functions. Mounts in a 5 gang wall box. Requires local AC Power.

CRT3 STAFF STATION TELEPHONE:

The CRT3 is identical to the TC4300 but without the push button dial. The CRT3 is adaptable for either desk or wall use. It is supplied with a ringer and can be used for both Multi-Link or Single Link Staff Telephones. Ringer is inoperative when used as a Single Link Telephone.

TC4154 36 VOLT ADAPTER CIRCUIT:

The TC4154 36 Volt Adapter Circuit is used to increase the On-Hook voltage on system telephone lines from 12 Volts DC to 36 Volts DC. This allows any feature Telephones to operate on the Telecenter System. The TC4154 provides adapter circuits for eight lines and attaches directly to the Tip and Ring connections on Line Link Modules. Rack space required: None.