DOVETRON

The TSR-300D is the Selective Calling version of the TSR-200D Signal Regeneration assembly and replaces the TSR-200D/SCL-100 combination in new Selective Calling applications.

In addition to Signal Regeneration, Speed Conversion and Digital Autostart functions, the TSR-300D may be programmed to automatically turn on with up to a seven character Turn-On code and to turn off with a four character Turn-Off code.

The Turn-On code may be structured for any combination of two to seven Baudot characters.

The Turn-Off code consists of four identical Baudot characters received sequentially, i.e., NNNN, AAAA, 6666, ????, etc.

The Digital Autostart section may be used to issue a Turn-Off command if the coded Turn-Off code is not received, is not sent by the transmitting station at the end of the transmission, if the transmitting station changes baud rate or "sense" during a transmission, etc.

Programming of the Turn-On and Turn-Off codes is accomplished by setting individual 5 pole DIP switches for each Baudot character.

Rectangular LEDs on the TSR-300D assembly indicate the status of the Selective Calling circuits: SEL CAL ON, SEL CAL ENABLED, SEL CAL OFF and DIGITAL AUTOSTART ON-OFF.

Installation of the TSR-300D is accomplished by exchanging the TSR-300D with the standard TSR-200D assembly in the Dovetron MPC-1000CR and MPC-1000CR/DK RTTY Terminal Units.

The TSR-300D may also be installed in the MPC-1000R, and upon special order, in all other MPC-Series terminal units.

Although the SCL-100 may be used to retrofit existing TSR-200D equipped terminal units with Sel Cal, the TSR-300D is definitely preferred in new installations.

Consult the TSR-200D specifications for additional information regards the Signal Regeneration, Speed Conversion and Digital Autostart features.

For Selective Calling applications that require WRU Answer-Back, the TSR-600D should be used. In addition to both Group and Station Turn-On capability, the TSR-600D provides a 16 character Answer-Back Message Generator and a unique Station Sequence Circuit that permits the calling station to receive a printed roll-call of responding stations.

Note: The TSR-300D and TSR-600D are intended for terminal units equipped with the SSD-100 Solid State Cross Display. When installed in a CRT-equipped terminal unit, the CRT display must be replaced with a Solid State Cross display assembly.