

WESTERN UNION MODEL 28 TELEX TELEPRINTER



The Model 28 is a versatile, heavy-duty Telex teleprinter, recommended for handling relatively large numbers of messages; for applications requiring tabulation, forms, and multi-copy reception; and for the capabilities described below.

Model 28 KSR's are used for page reception and for transmission from the keyboard. On the same connection, the station calling and the station called may transmit alternately but not simultaneously. During transmission, the message is typed on the paper page of both the sending and the receiving teleprinter.

Model 28 ASR's have all the capabilities of KSR's; contain a perforator on which punched paper tape may be produced and a transmitter (reader) for automatic transmission of such tape; and have these additional capabilities:

Model 28-1A is the model commonly used. Off-line tape preparation will not be interrupted by incoming calls. Tapes cannot be made of incoming messages.

Model 28-1B differs from the 28-1A in that tapes can be made of incoming messages.

Model 28-1C is identical to the 1A, but intelligence is printed on tape as well as being perforated.

Model 28-1D is identical to the 1B, but intelligence is printed on tape as well as being perforated.

Features: (All units)

Dial Control Unit: Establishes connection with other stations on Telex network.

Answer-Back: Identifies the receiving station and the city where it is located. Each station's answer-back code is unique.

"Who Are You" Key: Actuates answer-back of distant station to verify correct dialing.

"Here Is" Key: Actuates sender's answer-back to identify sender's station.

"Local Line Feed" Key: Feeds out paper roll.

Control Lamps and Buttons: Control sequential steps to obtain connections.

Low-Paper Detector: Lights whenever paper roll is low; unless paper is replenished, teleprinter motor will not turn on.

Automatic Answering: Turns on receiving station by remote signal.

Dual Disconnection: Either the station called or the calling station may disconnect.

Specifications

(Keyboard and Automatic Units)

Printing Mechanism: Type Box
 Speed: 404 operations per minute (66 words, 50 Baud)
 Type Face: All capitals
 Keyboard: 3-row CCITT-II (modified)
 Code: Baudot: 5-level start-stop signals with 7.42 unit transmission pattern.
 Line Length: 69 characters per line
 Character Width: 10 characters per inch
 Vertical Spacing: 3 or 6 lines per inch, i.e., single or double spacing, as specified.
 Paper Feed: Friction-feed platen. (Sprocket-feed available at extra charge)
 Copy Capacity: 3 or 4 with regular paper; 7 or 8 with special paper and sprocket feed.
 Power Requirements: 115V±10%, 60 CPS±0.45 cycle
 Mount: Pedestal mounted
 Space Requirements: KSR: Height 39"; Width 26"; Depth 23" ASR: Height 39"; Width 41½"; Depth 23"
 Answer-Back: Letters, carriage return, line feed, fourteen characters (of which the last three or four are the standard city code), carriage return, line feed, letters.

Specifications

(Automatic Units Only)

Paper Tape: 5-channel, center feed, chadless (chad is optional), 11/16" wide.
 Repeat Key: (above keyboard) Repeatedly transmits character on last key depressed.
 Perforator: For off-line or on-line tape perforating from keyboard.
 Reperforator: For on-line tape perforation of transmissions either incoming from line or outgoing from keyboard.
 Reader (Transmitter): For transmission of perforated tape to local teleprinter (off-line) or to distant teleprinter (on-line).
 End-of-Line Indicator: Lights when pre-set number of characters have been typed.
 Character Counter: Indicates number of characters from beginning of line when manually transmitting (or perforating tape) from keyboard.
 Mode Selection Switch: Provides for three selections: KEYBOARD, for typing page copy (when transmitting on-line or off-line) without perforating tape; KEYBOARD-TAPE, for simultaneously perforating tape and typing page copy; TAPE, for perforating tape from keyboard) without either typing page copy or transmitting on-line.
 Local Carriage Return: Returns carriage on local teleprinter, not on distant one.
 Tape Back Space: Back spaces tape one character each time it is depressed to permit correction of errors in tape.

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CHARGES

	Monthly Charges	Installation Charge
28 KSR	\$ 70.00	\$25.00
28-1A ASR	95.00	25.00
28-1B ASR	100.50	25.00
28-1C ASR	103.50	25.00
28-1D ASR	109.50	25.00
Sprocket-feed platen	2.50	—
Horizontal tabulation	3.00	15.00#
Vertical tabulation	4.50	15.00#
Automatic page feed-out	2.25	5.00

#—No charge if installed at same time as teleprinter.