

TB-820 RS232 Logo Generator User Manual

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I. Feature

TB-820 stores 4 station logo and 4 ad logo. Time auto displayed every half hour and one minute each time. When power is cut off, the background signal directly output. TB-820 RS232 is a true color semitransparent superimposed logo generator.

II. Technical Specification

Video Input Level: 1Vp-p (75ohm terminal)

Video Output Level: 1Vp-p (75ohm terminal)

Video Output Frequency: 8MHz $\leq \pm 0.5$ dB

Differential phase: $\leq 0.5^\circ$

Differential gain $\leq 0.5\%$

Color Station Logo: 4

Color Ad Logo: 4

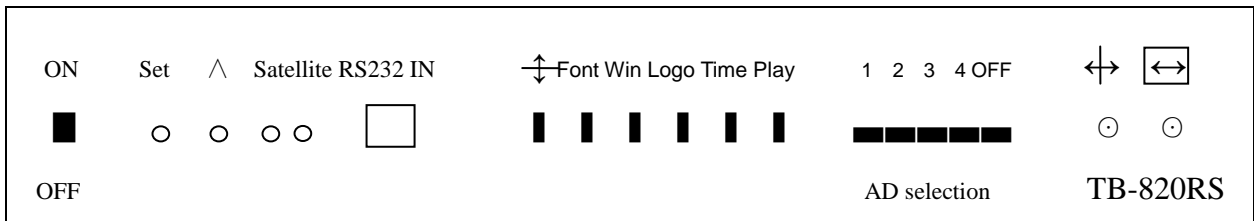
DIMENSION: 483 x 290 x44mm

Weight: 2.4Kg


Voltage: 200~240VAC

Power Consumer: ≤ 10 W

III. Front Panel





1. Power: Power on/off.
2. Set: Press 'Set' 5 times, 'Hour' flash. Press 'Set' once more, 'Minute' flash. Press 'Set' again, 'Second' flash.
3. \wedge : Use with 'Set'. When selected item is flashing, press ' \wedge ' to adjust. When 'Second' is selected, press ' \wedge ' will clear second to 0.

4. Satellite: Display the number of data from satellites is received. One light means the data from one satellite is received. Two lights mean more than one data from satellites are received.
5. RS232 IN: Download connector from computer to logo generator.
6.  : Adjust vertical position of logo and time on screen.
7. Font: Change time font in four different fonts.
8. Win: Select display position of logo and time. Available positions are as follow:

Comment: ★Logo ─Time ◆Sub-Logo, program or ADs.

0	1	2	3	4	5	6	7	8	9
OFF	─	★	★ ─		─	★	★ ─		─
				◆	◆	◆	◆	★	★

9. Logo: Select user station logo in four different logos.
10. Time: Display Logo every half hour (odd number) or constantly (even number). User select.
11. Play: Logo on (even number) / off (odd number).
12. AD selection: Four different Ad logos. Controlled by knob switches.
13.  : Adjust horizontal position of Logo and Time.
14.  : Adjust the range between Logo and Time.

IV. Rear Panel

Video	Video	Key	Fill	Subcarrier	Tuning	Time	Antenna	Power
IN	OUT	OUT	OUT	Fine	Coarse	OUT		
○	○	○	○	□	○	○	○	

1. Video IN: Video signal in.
2. Video OUT: Video signal output with Logo on. Video signal keeps when power turned off.
3. Key OUT: Output key signal of Logo and Time to the Down-Stream Key of play and control station.
4. Fill OUT: Output fill signal of Logo and Time to the Fill-IN of play and control station.

5. Subcarrier Tuning: Adjust the Logo subcarrier phase to match the system. Switcher is coarse tuning, and the potentiometer is fine tuning.
6. Time OUT: Output time signal with Serial port to drive GPS clock.
7. Antenna IN: connect satellite antenna. It supplies auto time adjustment.