

Remote Setup and Status

The following is a partial list of setup and status commands via the RS-232 Port.

Set/Request UTC/LOCAL
Set/Request local time offset
Set/Request daylight savings dates
Set/Request satellites to be used (default is automatic selection)
Set/Request output rate
Set/Request local position
Set/Request AUTO/DYN/FIXED nav. mode
Set/Request minimum tracking elevation
Request time output
Request navigation data
Request tracking/locked status
Request time offset data
Request leap second status
Request satellites being tracked
Request firmware version

Time/Status Display (option)

The unit can be ordered with an LED display of time and status.

Power Supply

The unit operates on 85-265 Vrms, 48-440 Hz, or 100-370 Vdc. Power required is 25 watts nominal.

Internal Battery

An internal lithium battery maintains setup data and coarse timekeeping during time that no external power is applied.

Physical

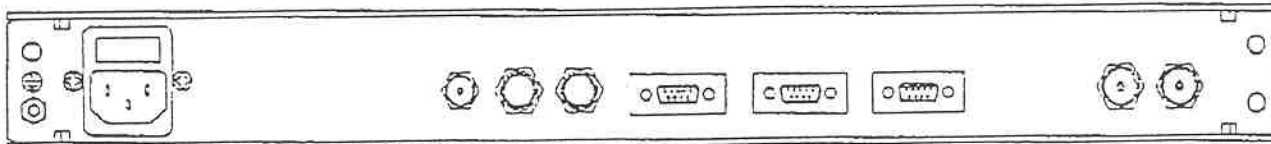
Chassis is 19" wide X 1.72" high X 14" deep. Weight is 9 pounds.

Antenna unit is 4.25 inches in diameter X 6.5 inches high. Weight is 7 ounces. It is connected to the main chassis via a coaxial cable. A 50 foot cable with TNC connectors is supplied. Optional lead-in systems with coaxial cables and in-line amplifiers are available to 2500 feet. Refer to application note AN-3A for complete details.

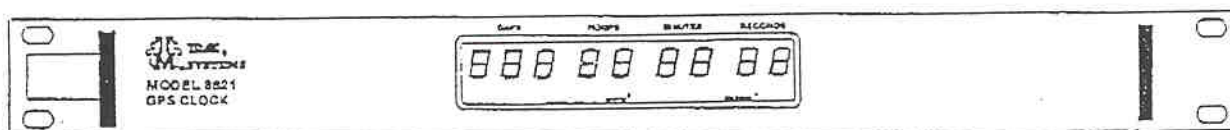
Temperature

Main unit: -10 to + 50° C

Antenna: -40 to + 70° C



Model 8821 Rear Panel



Model 8821 with Display Option

Specification subject to change without notice.

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