
PRODUCT DATA SHEET

The AN-816/DC ASCII Display (IRIG CS-6) will display 16 characters of ASCII data using 16 segment, alphanumeric red LED displays. The characters are .8" high providing readability at distances up to 35 feet.

The AN-816/DC accepts ASCII data in either RS-232 or RS-422 and data rates from 110 to 19200 baud.

The AN-816/DC uses an 8 bit address to allow multiple AN-816/DC displays to be daisy chained and selectively display the desired data. The address is entered from the front panel and saved in a nonvolatile memory.

The AN-816/DC holds up to 100 24 character messages in a nonvolatile memory. The unit has commands to allow for scrolling, blinking, storing messages and recalling messages.

Gold plated sockets are used on all integrated circuits.

The unit is powered by an external 30 to 48 VDC source. The unit is housed in an attractive, rugged aluminum enclosure. Threaded mounting holes are provided on each end of the enclosure. Rack mounting brackets are included for standard 19" rack mounting. An optional ceiling/wall mounting bracket is available (MB-816).

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Technical Specifications

Input

Data Format	IRIG CS-6 ASCII Data 7-8 Data Bits 1-2 Stop Bits Odd, Even, None Parity 110 to 19200 baud
Physical Connections	RS-232, DB-25 RS-422, Triax (Trompeter BJ77)

Display

Readout Information	ASCII characters A-Z, 0-9,* < > / \ [] = : ? . + - ^ \$ space
Display Hardware	Sixteen .8" high Red LED 16 Segment characters with intensity control.
Message Memory	100 24 character nonvolatile message memories
Commands	Scrolling, blinking, storing messages and recalling messages.
Address	Address switch on front panel. Setting saved in nonvolatile memory.

Power Input

Voltage	30 to 48 VDC
Power Consumption	25 Watts IEC 320 socket and line cord Rear panel fuse holder and switch

Mechanical

Case Dimensions	17 inches wide x 3.47 inches high x 3 inches deep Rack mounting brackets are included for 19" wide rack mounting.
Case Material	Rugged aluminum enclosure. 1/4"-20 Threaded mounting holes on each end of the enclosure. 1-1/4" diameter mating knobs with 3/4" threaded studs are supplied.
Color	Painted light gray

Weight

3 pounds

Environmental

Operating Temperature	0 to 50 degrees Celsius
Relative Humidity	0 to 98% non-condensing

Specifications subject to change without notice. 012407