



As if you
needed
any more
conclusive
evidence that
big things
do come
in small
packages.

Apollo SL30 specifications

Combining powerful 760-channel VHF communications with 200-channel VOR, glideslope and localizer receivers, the Apollo SL30 Slimline transceiver is a compact, space-saving addition to the Garmin family of panel-mount avionics.

The SL30 provides a full-functioned navigation and communications solution in a very small footprint at an affordable price. Besides traditional nav/comm features, the SL30 also incorporates workload-reducing functions such as automatic decoding of the Morse code station identifier for VOR/LOC/ILS, most-used frequency storage in unit memory, built-in course deviation indicator and more.

As the smallest nav/comm on the market, the SL30 is also the only unit that can monitor the standby comm or nav frequencies – offering the capability of two nav/comms in one.

Standby comm frequency monitoring lets the pilot listen to transmissions like ATIS or the emergency channel without leaving the active frequency. On the nav side, with the primary VOR or localizer frequency providing guidance to your HSI or CDI, the standby frequency can be tuned to a second VOR and the SL30 will display the current radial on which your aircraft is located – a handy feature during approach operations. The SL30's powerful yet efficient 8 watt comm transmitter is the same one featured in other Apollo Slimline and GX avionics. For added space savings and situational awareness, DME information (estimated time enroute, groundspeed and distance) provided by either a remote DME box or GPS receiver can also be displayed on the SL30.

Navigation radio features

200 channel Nav with solid state DSP technology
With VOR/Localizer and Glideslope receivers
Built-in VOR/Localizer converter
VOR receiver displays to/from and radial
Digitally decoded OBS setting
Sunlight readable full alphanumeric display
User selectable back course approach mode that provides "chase the needle" operation
Automatic display of station ID by decoding Morse code
Design and operation consistent with SL line
Interfaces to most CDI (w/resolver), HSI, and autopilot systems
TSO: C34e; C36e; C40c
JTSO
Accepts 10 to 40 VDC input

Comm radio features

760 communications channels
Frequency range 118 to 136.975 MHz
Active and standby flip/flop frequencies
Volume control
Tunes to National Weather Service broadcasts
Transmit status indicator
Back-lit keypad control
Automatic display intensity control

2X8 frequency memory and recall:
Stores/recalls 8 user defined frequencies
Stores/recalls previous 8 frequencies used
Frequency monitor function (listens to standby while monitoring active)
Dedicated emergency channel selector
Squelch test function
Stuck mic time-out
12 watt audio amplifier
Includes two place VOX intercom

Comm radio performance specifications

Transmit power 8 watts (carrier power)
Input voltage range 10 to 40 VDC
Operating temperature range -20°C to +55°C
Certified TSO C37d (transmitting)
Certified TSO C38d (receiving)
Certified TSO C128 (stuck mic)
Certified JTSO

Physical specifications

Size: 1.3" H x 6.25" W x 10.5" D
Weight: 3.3 lbs.
Depth: 11.452 inches (29.09cm) behind panel, including mounting frame and connectors.



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