

P R O V E N

Quality, Dependability and Reliability

AvtechTyee's CSD-10 SELCAL Decoder is a cost-effective way to include selective calling to a communications system in both new aircraft and retrofit applications. The CSD-10 is in operation aboard airlines, business aircraft and helicopters throughout the world.



CSD-10 PANEL MOUNTED SELCAL

The CSD-10 is a completely self-contained SELCAL decoder that may be located anywhere in the cockpit. Its space-saving Dzus rail-mounted size provides all the capability and performance of the latest remote mounted decoders for less cost. Designed and built to airline standards, the CSD-10 panel-mounted decoder is a convenient way to achieve SELCAL capability in airline and business aircraft.

- Designed to meet the performance requirements of ARINC 714
- Convenient Dzus rail mounting
- Includes both visual and aural annunciation
- Black or gray models available with or without aural annunciator
- Certified to FAA TSO C59
- Code selection may be implemented with either installation rack straps or an ARINC compatible code selection panel
- Switch legends can be easily changed and replaced with different legends

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CSD-10 SPECIFICATIONS

Part Number	Panel Mounted with ringer Black: PN 1200006-005 Gray: PN 1200006-006 Panel Mounted w/o ringer Black: PN 1200006-007 Gray: PN 1200006-008	Code Selection:	Installation harness or selector panel
Size:	5.75" W, 1.87" H, 4.80"D 14.61 cm, 4.75 cm, 12.19 cm	Input Tone Level:	0.03 Vrms to 3.2 Vrms
Weight:	1.44 lbs. (0.65 kg)	Input Impedance:	Greater than 10,000 ohms, transformer isolated
Power:	27.5 VDC nominal, 200mA max.	Tone Frequency Tolerance:	Normal operation with tones less than 0.3% off frequency
Mounting:	Panel Mounted, standard Dzus rail	Tone Rejection:	Greater than 36 dB rejection of tones more than 3.5% off frequency
Mating Connector:	MS3476A-18-32S	Tone Amplitude Difference:	Normal operation with less than 10 dB difference
FAA TSO:	C-59	Tone Duration:	750 milliseconds minimum, 1.25 seconds max.
RTCA Specification:	DO-93 amended	Tone Spacing:	100 milliseconds minimum, 300 milliseconds max.
ARINC Specification:	ARINC 531 and 714 performance	Tone to Noise Ratio:	-10 dB minimum
Operating Temperature:	-20 to +55 degrees C continuous	Audio Enunciation:	Miniature electromagnetic transducer
Altitude:	55,000 feet	Audio Signal:	Alternating 200 Hz and 1600 Hz tone
Vibration:	DO-160B Categories PDS, Helicopters and Fixed Wing	Anunciator Lamps:	Split lens with two type 327 lamps in each half, front panel replaceable without disassembly
Decoder Channels:	2 with 5 resistive summed radio inputs	Self-Test:	Pressing annunciator lamp/reset button verifies internal circuits are functional
Tones Decoded:	16 ARINC standard SELCAL tones	Software Certification:	Tested and documented to RTCA DO-178A for Level 3 software



AvtechTyee's CTS-700 Ramp Tester contains a built in transmitter and uses VHF or HF signals, transmitted directly to the aircraft, to conveniently test the aircrafts SELCAL system

