CSD-10 PANEL MOUNTED SELCAL

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.

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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

Since 1969 AvtechTyee has been a leader in the design, development, and manufacture of electronic systems for the aerospace industry, with a focus in three product groups: Audio, Avionics and Structures.

AvtechTyee products are flying onboard 42 aircraft types within the air transport, regional commuter, and business jet sectors, serving 450 customers in 49 countries of the world.

Our versatility in supporting aerospace electronics requirements ranges from the custom design and manufacturing of complex power supplies to complete Digital Audio Systems.

AvtechTyee is certified to ISO9001, AS9100 and the FAA's ACSEP. Product Support includes in-house repair services (FAA approved Repair Station #IG6R621N), loaner/exchange programs, and both in-house and offsite airline training.

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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 annuncitor 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

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