

PROVEN

## Quality, Dependability and Reliability

Avtech'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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**avtech**  
*Ideas That Fly*  
An Aviation Technologies, Inc. Company

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## CSD-10 SPECIFICATIONS

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



Avtech'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