

AvtechTyee's line of ARINC 714 Selective Calling (SELCAL) Decoders are available through most major aircraft manufacturers as optional equipment and is the choice of airlines and business aircraft operators alike, whether specifying new aircraft or modernizing existing fleets. Two models of the ARINC standard SELCAL are offered by Avtech.



## ARINC 714 SELCAL

AvtechTyee's line of SELCAL products is the most comprehensive in the industry. Installations range from small GA aircraft to large commercial aircraft.

- Designed to surpass the performance requirements of ARINC 714
- Can be installed in non-pressurized and non-temperature controlled locations in the aircraft which operate up to 55,000 feet
- Housed in a space saving 1 MCU enclosure
- Internal self-test capabilities allow technicians to diagnose problems without external test generators
- Both two and five channel versions available with either standard or auto-reset self test
- Certified to FAA TSO C59
- Code selection may be implemented with either installation rack straps or an ARINC compatible code selection panel

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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Both the CSD-714 and N1298 models are rack-mounted, 16-tone decoders for the ICAO and ARINC Standard SELCAL system. Designed to surpass the performance requirements of ARINC 714, the decoders may be installed in non-pressurized and non-temperature controlled locations on aircraft that operate up to 55,000 feet. Approved under TSO C59, the entire unit is housed in a space-saving 1-MCU size ARINC 600 package. Both units are easy to install and provide a full complement of aircraft interfaces to drive any combination of chime and lamp annunciators. Code selection may be implemented with either installation rack straps or an ARINC compatible code selection panel. A crew-initiated end-to-end functional test verifies that the decoder is fully functional. The internal self-test capability allows bench technicians to diagnose problems without external test generators.

Both Two and five channel versions of the CSD-714 decoders are available with either standard or auto-reset self-test. The N1298 is only offered in a five channel, standard self test configuration. In the -000 and -002 version of the CSD-714 the annunciator outputs resulting from a self-test remain active until manually reset. In the -002 and -003 versions the annunciator outputs resulting from a self-test remain active for approximately two seconds and then are automatically reset.

<b>AVAILABLE CONFIGURATIONS</b>			
<b>Model Number</b>	<b>Part Number</b>	<b>Description</b>	<b>Comments</b>
N1298	NA138-714C	5 channel, standard self test	Certified option on Boeing aircraft
CSD-714	1200008-000	5 channel standard self test	Certified option on Boeing, Cessna, Bombardier and Gulfstream aircraft
CSD-714	1200008-001	2 channel standard self test	Certified option on Bombardier Aircraft
CSD-714	1200008-002	5 channel, auto-reset self test	Certified option on Bombardier and Raytheon aircraft
CSD-714	1200008-003	2 channel, auto-reset self test	Certified option on Dassault aircraft



AvtechTye'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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