

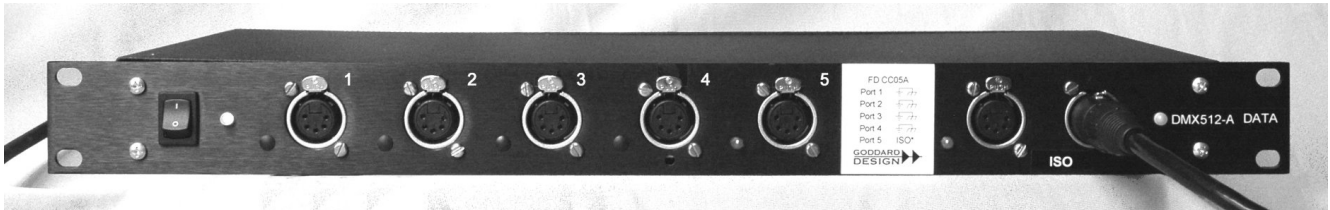
# The GDC DotEleven Splitters Family - for DMX512A

USITT DMX512 has recently become an American National standard. The new standard is formally known as E1.11-2004 (USITT DMX512-A). Fear not, it is fully compatible with compliant legacy equipment. However, the new standard has changed the requirements for new equipment wishing to comply with the standard. It has also made a number of recommendations and provides several preferred ways of doing things. Goddard Design's DotEleven line of splitters is designed to take full advantage of DMX512A. At this time the line includes three five output port DMX512A splitters and an RDM Hub with five output ports.

## Family wide features:

- All receivers follow the preferred isolated input topologies of E1.11 (DMX512A)
- Passive loop thru on all units
- Driver, receivers and RDM bias networks protected to at least 50 volts
- ESD protection
  - No Damage or Latchup to ESD
  - IEC-1000-4-2 Level 4: ±15kV Air Discharge
  - IEC-1000-4-2 Level 2: ±4kV Contact Discharge
- Rack mountable - table top case available soon
  - The chassis made of sturdy .063" steel, black powder coated.
  - Table top chassis is 17"w, 8"d, and 1.75"h.
  - The front panel is .125" anodized aluminum.
- IEC AC mains connector and replaceable line cord.
- Universal switching power supply 100-250 VAC 50-60Hz.
- Neutrix 'D' series connectors are used for the DMX512 lines.
- DMX512A models have GDC's unique High Common Mode Indicator. (Not on Hub5)
  - This feature indicates if the potential between an isolated DMX512 port and the local ground is unusually high.

## Family members



**FD CC05** A DMX512A Splitter with one (1) isolated input port and five (5) grounded output ports. This is our lowest cost splitter. It follows the preferred topology in E1.11. **Price \$560.00**

**FD CC05A** A DMX512A Splitter with one (1) isolated input port, one (1) isolated output port, and four (4) grounded outputs ports. This splitter offers one isolated output to deal with legacy equipment with grounded inputs. This is especially useful when that equipment is at the end of a long cable run to a location with different ground potential. The isolated port can be jumper selected to act as a grounded output port as well. **Price \$600.00**

**FD ISO 5** A DMX512A splitter with five (5) isolated output ports. The input port is also fully isolated. Each of the outputs may be jumper selected to the grounded topology. **Price \$725.00**

**FD DMX HUB5** A full function DMX and RDM distribution system with five (5) output ports. Far more than just a splitter - it solves many difficult problems in DMX distribution. It provides an isolated input and four (4) grounded RDM style command (output) ports and one (1) isolated command port. For details see the DMX HUB5 data sheet. **Price \$925.00**

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