

Jan 2007

TECHNICAL SERVICE BULLETIN from Pyrodigital Consultants, Inc.

**CABLE & XLR CONNECTOR
RECOMMENDATIONS**
for
PYRODIGIAL PHASE III SYSTEM NETWORK CABLES

Recommended Cable:

Carol C-1302: 20 awg Shielded, Twisted Pair with Carolprene Jacket
(for cable runs 1,000 feet or less)

Carol C-1602: 16 awg Shielded, Twisted Pair with Carolprene Jacket
(for cable runs over 1,000 feet or when more Firing Power is required)

NOTE: awg means American Wire Gauge and refers to wire conductor size
DO NOT use lighter gauge wire size than 20 awg
DO NOT use cables with PVC Jacket (as they Burn very easily)
DO NOT use cables with spiral wound Jacket
DO NOT use cables with foil shield unless foil shield and drain wire are equivalent to
wire gauge size of cable conductors

Recommended Connectors:

Neurtik NC3MX-B; 3 pin male XLR with Gold Plated Pins
Neutrik NC3FX-B; 3 pin female XLR with Gold Plated Sockets

DO NOT use cheap, inexpensive XLR's; Switchcraft brand XLR's NOT recommended
Gold Plated pin & socket XLR's absolutely recommended.

Alternate Better Cables: (more flexible, better quality, but more expensive);

Belden 8412: 20 awg Shielded, Twisted Pair with Black Rubber Jacket

Alternate Very Best Cables: (Hypalon, self extinguishing, Fire resistant Jacket)

Belden 8402: 20 awg Shielded, Twisted Pair with Brown Hypalon Jacket
Belden 8408: 16 awg Shielded, Twisted Pair with Brown Hypalon Jacket

All cables available at:

http://www.infinityvisions.com/shop/productsByCategory.asp?strSubCatalogID=001e&strSubCatalog_NA ME=Cables