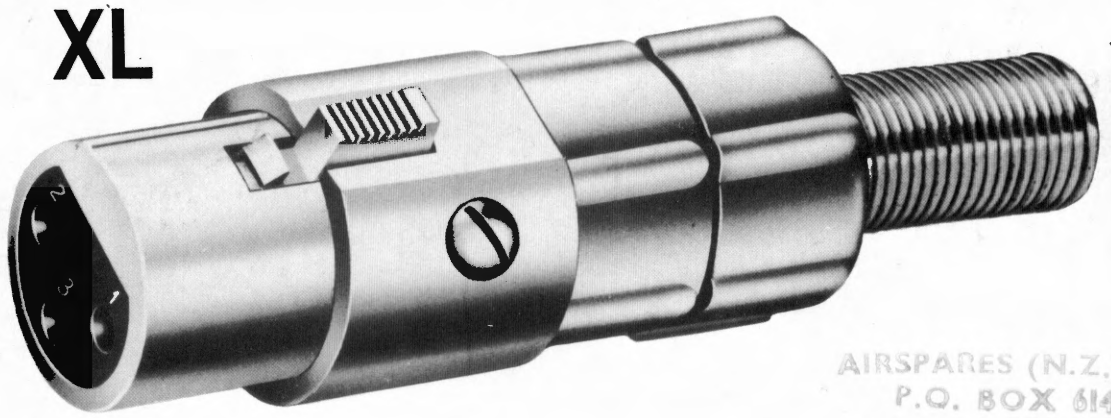
***NUMBER ONE IN ELECTRICAL CONNECTORS...***

# CANNON AUDIO CONNECTORS

XL



AIRSPARES (N.Z.) LTD.
P.O. BOX 614
PALMERSTON NORTH

FOR AUDIO AND GENERAL ELECTRICAL REQUIREMENTS

**CANNON® PLUGS**

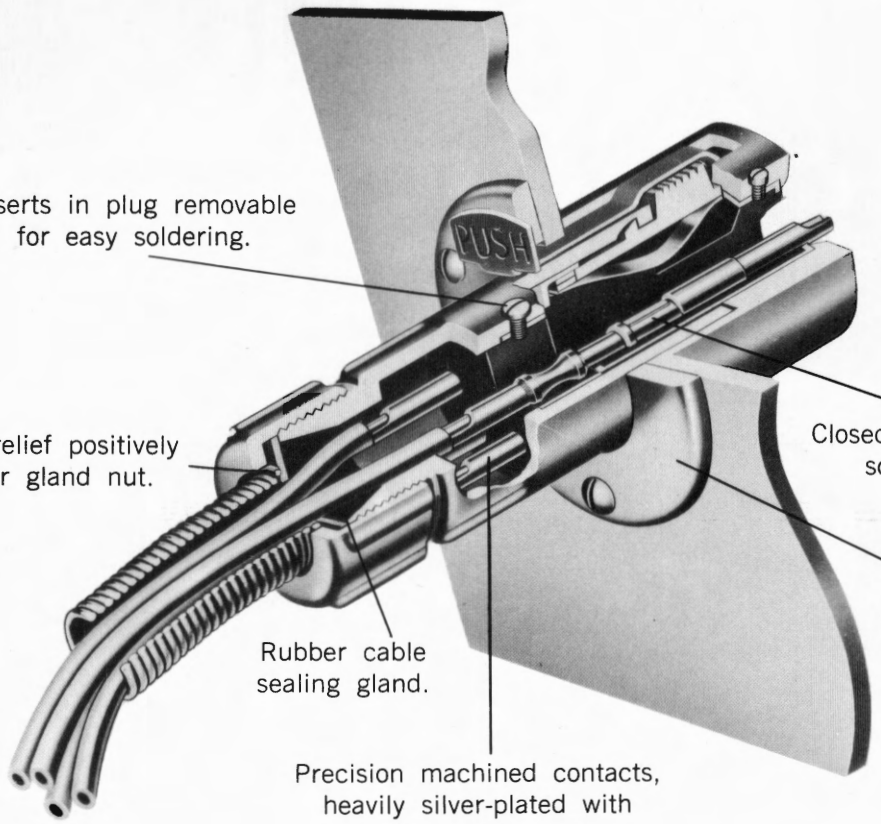
CANNON ELECTRIC (AUST.) PTY. LTD.

The Cannon XL series have been designed for use on microphones, public address systems, tape recorders, amplifiers and other low level sound circuits. They are ideally suited for low voltage and low current applications.

The latch lock feature of the Cannon XL ensures secure and rapid locking of mated connectors. The plug may be inserted into the mating unit without so much as touching the latch spring — a quick, easy movement which provides positive engagement.

So engaged, the plug cannot be accidentally disengaged — an important feature in portable equipment.

To disengage, only a simple quick thumb pressure on the latch will release the lock and enable the plug to be removed.




## HOW TO ORDER

All part numbers comprise three groups.

XL This indicates connector series.

3 Number of contacts.

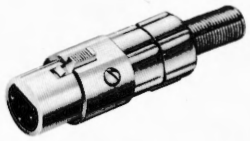
12 Shell style.

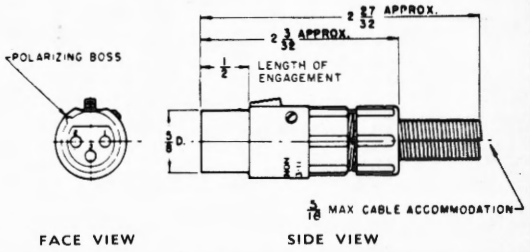
This example—XL-3-12, an XL series, 3-contact cord plug having pin contacts.

## SPECIFICATIONS

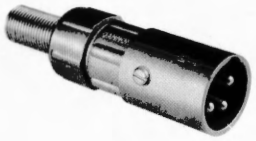
| | XL3 | XL4 | XL5 | XL6 A | XL7 |
|---|---|---|---|---|---|
| LAYOUTS: | | | | | |
| CONTACTS: | 3 15 amp. | 4 10 amp. | 5 7½ amp. | 6 7½ amp. | 7 7½ amp. |
| OPERATING VOLTAGE: | 200V AC | 200V AC | 133V AC | 133V AC | 133V AC |

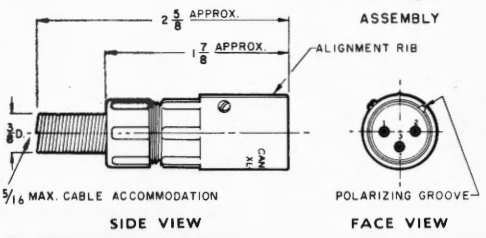
SHELLS: *Zinc alloy — satin nickel plated.* CONTACTS: *Copper alloy, silver plated.*
INSULATORS: *Moulded phenolic.* POLARISING: *Key and keyway.*



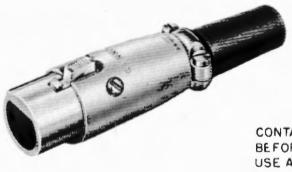


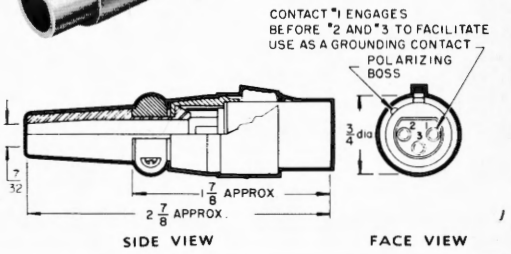

## TYPE XL-11
### Straight Cord Plug
SOCKET CONTACTS



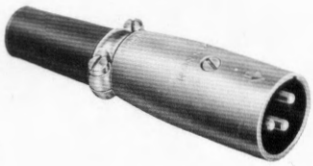


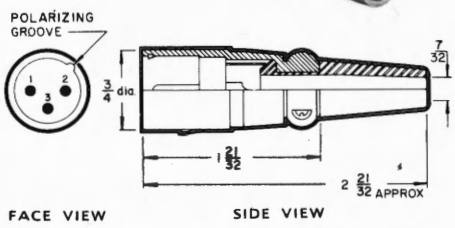

## TYPE XL-12
### Straight Cord Plug
PIN CONTACTS



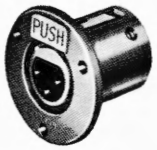


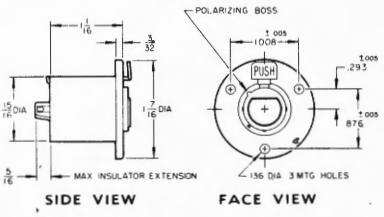

## TYPE XLP-11
### Straight Plug
SOCKET CONTACTS



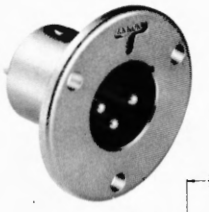


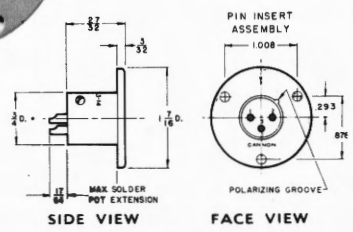

## TYPE XLP-12
### Straight Plug
PIN CONTACTS



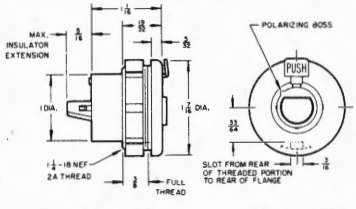



## TYPE XL-13
### Receptacle
SOCKET CONTACTS

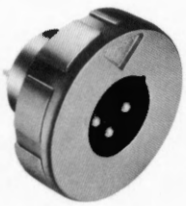


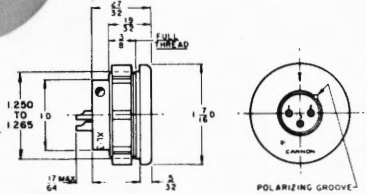



## TYPE XL-14
### Receptacle
PIN CONTACTS

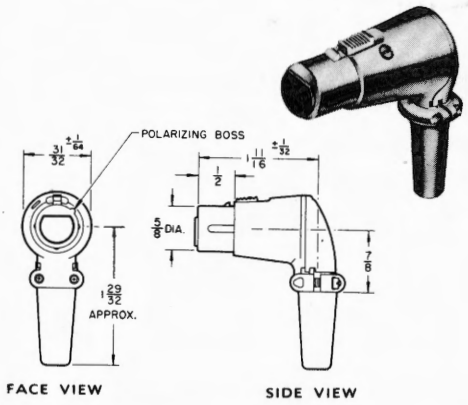



## TYPE XL-13N
### Receptacle Nut Mounting
SOCKET CONTACTS

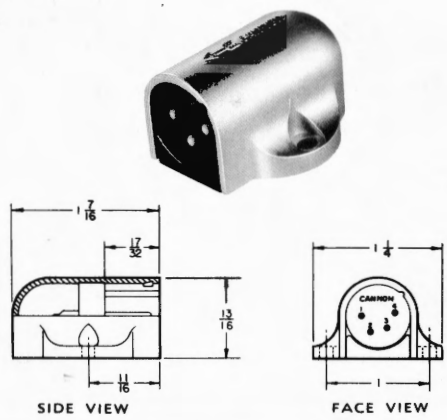




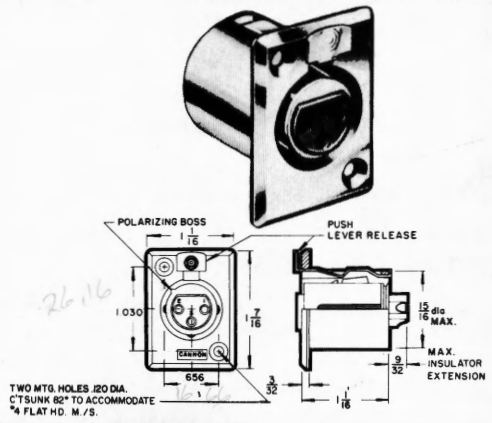

## TYPE XL-14N
### Receptacle Nut Mounting
PIN CONTACTS



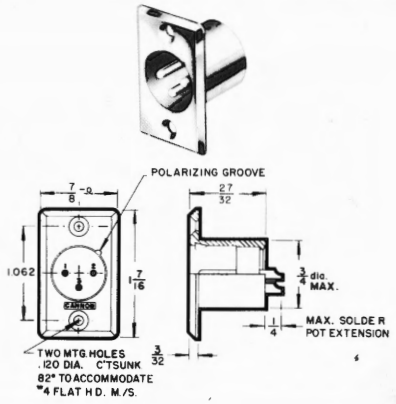

## TYPE XLP-15
### Angle 90° Plug
SOCKET CONTACTS



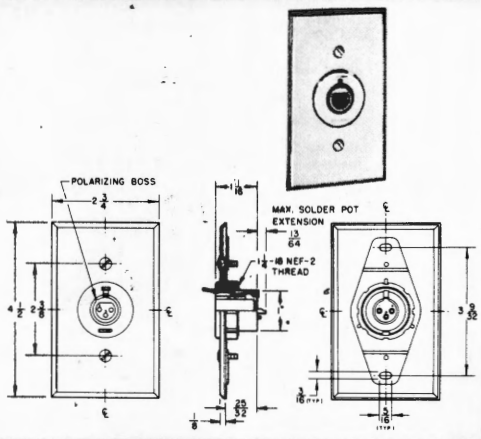

## TYPE XL-42
### Receptacle
PIN CONTACTS



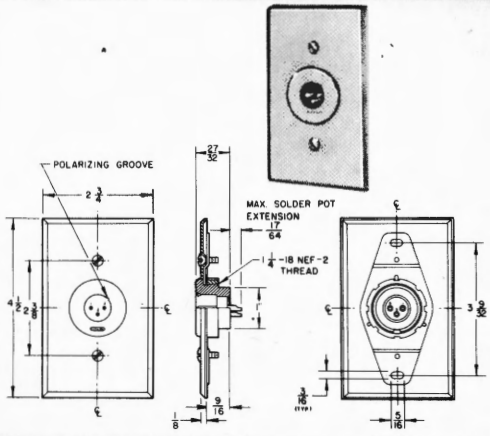

## TYPE XL-31
### Receptacle
SOCKET CONTACTS



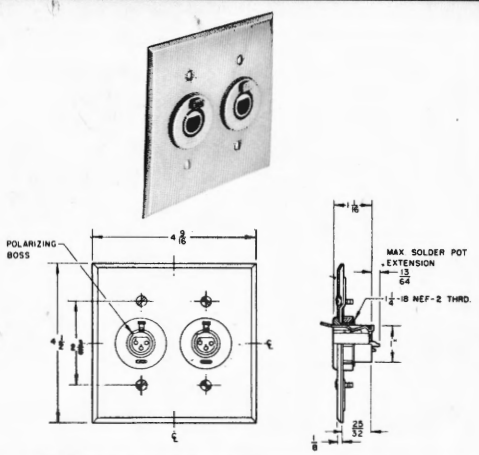

## TYPE XL-32
### Receptacle
PIN CONTACTS



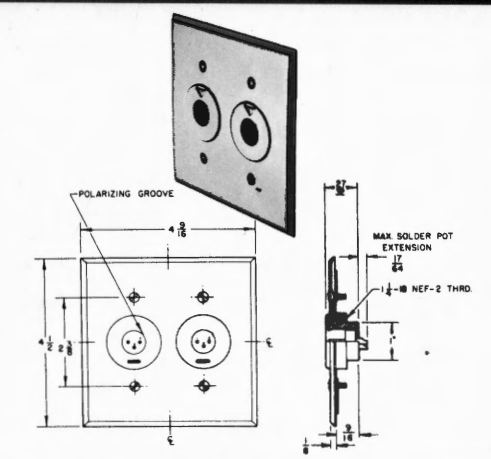

## TYPE XL-35
### Single Gang Receptacle
SOCKET CONTACTS




## TYPE XL-36
### Single Gang Receptacle
PIN CONTACTS




## TYPE XL-35-2G
### Two Gang Receptacle
SOCKET CONTACTS

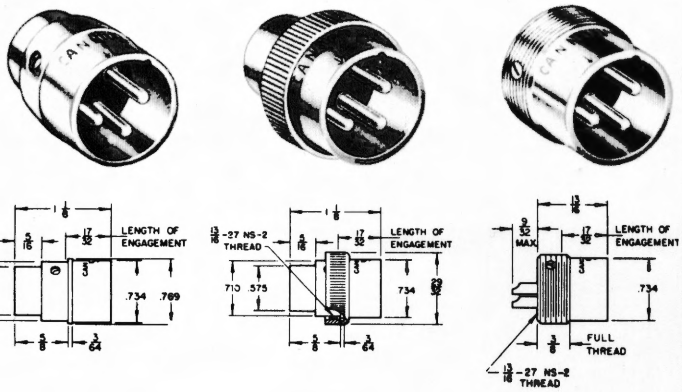



## TYPE XL-36-2G
### Two Gang Receptacle
PIN CONTACTS

# TYPES XL-50, XL-50N, XL-50T

## Adapter Receptacles

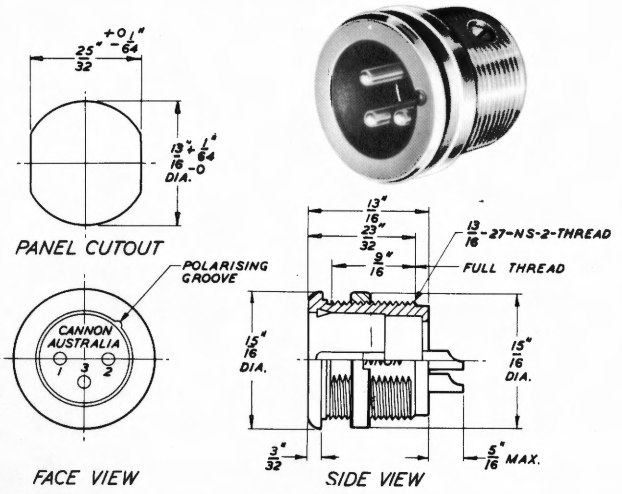
PIN CONTACTS



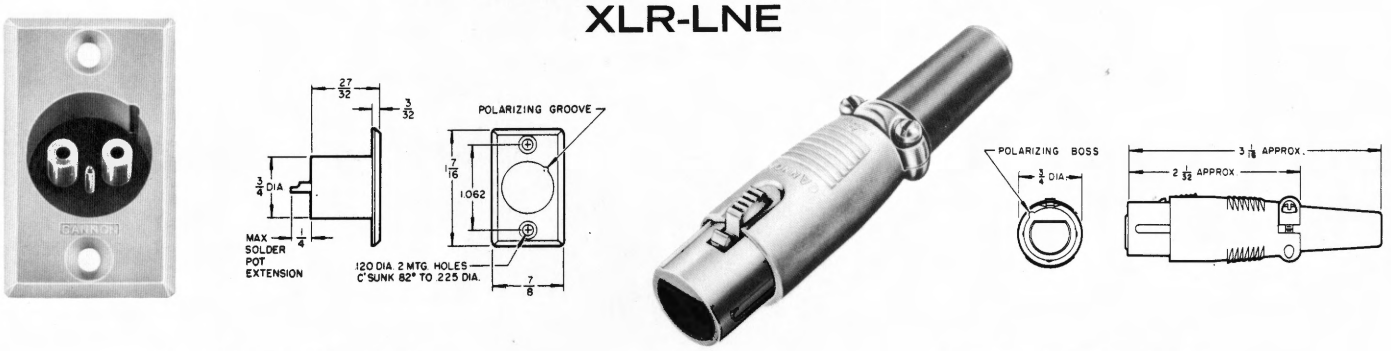

# TYPE XL-52

## Bulkhead Mounting Receptacle

PIN CONTACTS




# 230 volt APPARATUS CONNECTOR XLR-LNE




## XLR-LNE-32
### Receptacle

Panel insulating shroud

XLR-32 SHROUD

### SPECIFICATION
**Materials & Finishes**

| | | |
|---|---|---|
| Body and shell | — | *light alloy, satin nickel plated.* |
| Contacts | — | *silver plated brass, beryllium copper socket spring.* |
| Insulation | — | *Nylon 6, colour red.* |
| Cable bushing | — | *Polychloroprene, colour grey.* |

### ELECTRICAL

| | | |
|---|---|---|
| Voltage Rating | — | *230-250 working.* |
| Current Rating | — | *Contacts rated at max. 5 amps. Contacts clearly identified front and back of each connector half with letters L.N. & E. for Line, Neutral and Earth.* |

## XLR-LNE-11C
### Plug

| | | |
|---|---|---|
| Electrical Creepage and Clearance | — | *3 mm. (complies with BS415).* |
| Electrical Breakdown | — | *between Line and Neutral contacts, also between Line and Neutral contacts together with Earth 3.5kV (complies with BS415).* |
| Insulation Resistance | — | *Line and Neutral contacts to earth $10^5$ megohms.* |
| Contact Resistance | — | *at 2.5 volts and 1 amp — 2 milliohms.* |
| Safety | — | *Earth contacts directly connected to body. Line and Neutral contacts at mating face meet BS415 safety requirements. In unmated condition contacts inaccessible to normal finger probe.* |