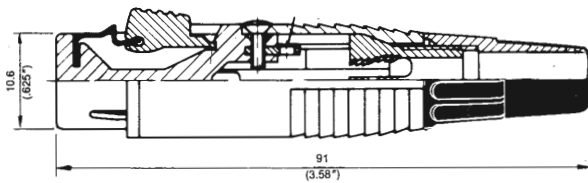




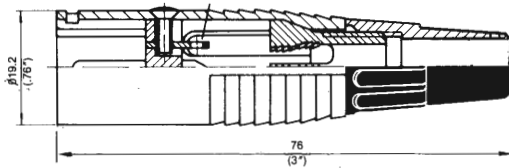
NEUTRIK[®] CONNECTORS

"THE SWISS CONNECTION"

PROFESSIONAL XLR-TYPE CABLE CONNECTORS



NC*FC Female

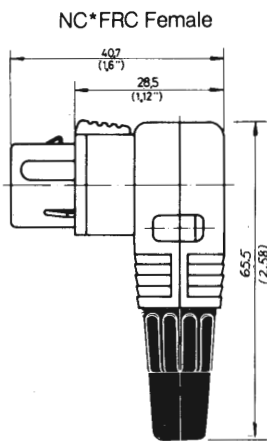


NC*MC Male

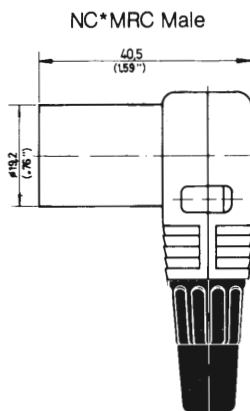
These remarkable connectors are simple to disassemble and reassemble. It is not necessary to remove the flex relief, simply push cable through flex relief and the internal chuck-type cable clamp. After soldering, the contact insert is pushed into the housing and screw fastened. The flex relief is turned clockwise, tightening the chuck around the cable.

The conductive shells are made of a select, tough alloy which is satin-nickel or black-chrome finished. Inserts are fiberglass reinforced high-temperature hard plastic. Durable alloy pins and sockets are either silver or gold plated. Connectors are available in 3, 4, 5 or 6 pin configurations.

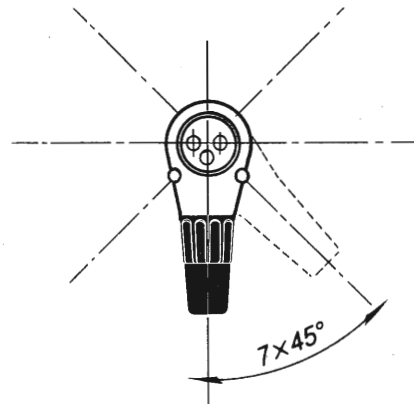
PROFESSIONAL XLR-TYPE RIGHT-ANGLE CABLE CONNECTORS



NC*FRC Female



NC*MRC Male

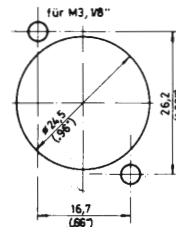
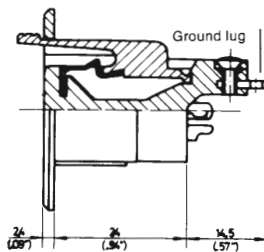
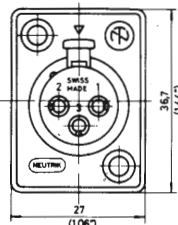


Compact right-angle connector, low-profile, 7 x 45° indexing of main body allows highest packing density.

Available in 3, 4, 5 or 6 pin configurations, silver or gold plated contact pins.

PROFESSIONAL XLR-TYPE PANEL RECEPTACLES

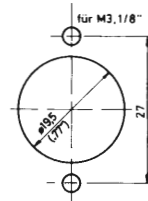
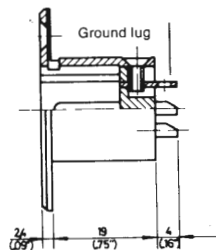
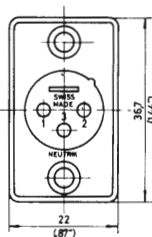
NC*FP female



Construction details, materials and specifications similar to cable connectors above.

Standard, compatible mounting hole sizes.

NC*MP male



Available in 3, 4, 5 or 6 pin configurations, silver or gold plated contact pins.

When ordering, in place of asterisk () insert 3, 4, 5 or 6 to indicate number of contacts. Each of the above is available in a variety of finish and contact plating.

Housing Finish/Contact Plating

Nickel / Silver
Black Chrome / Silver
Black Chrome / Gold

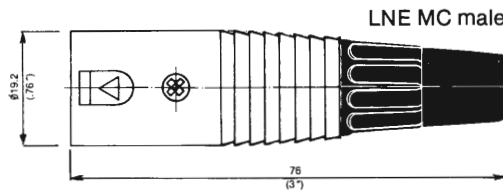
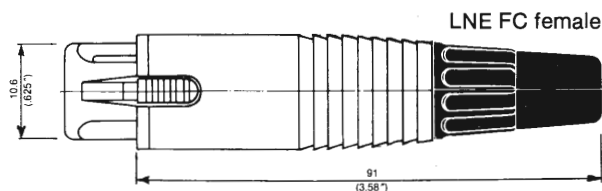
Model # Suffix

none (standard)
BAG
B

Example Model

NC3FC
NC3FC-BAG
NC3FC-B

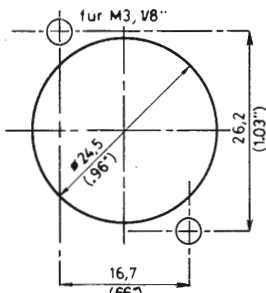
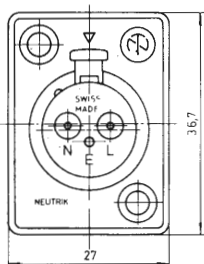
"LNE" A.C. CABLE CONECTOR, XLR-TYPE



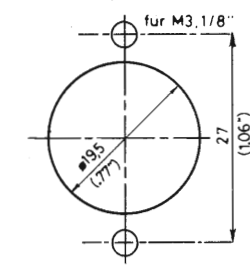
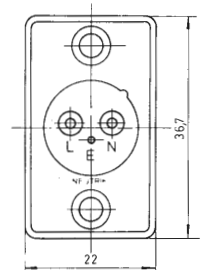
"LNE" A.C. PANEL RECEPTACLE, XLR-TYPE

The LNE series is a compact size, heavy duty a.c. connector with superior mechanical ruggedness and firm, positive locking feature.

LNE FP female



LNE MP male



Electrical Data

Number of contacts:	2 + PE (hot, neutral, ground)
Operating voltage:	250 VAC/120 VAC
Rated current (20°C):	6A
Test voltage (IEC 65):	4240 V/peak
Insulation resistance (after 48H, 30°C, 95%rh):	> 10 ⁸ Ω
Contact resistance:	< 3mΩ
Flammability UL94:	V-0
Operating temperatures:	-40 ÷ +65°C

Materials

Contact material:	CuZn40Pb3
Contact plating:	gal Ag, 3um
Contact insert material:	PBTP gr, red
Shell:	die-cast zinc
Latchlock:	ZnAl4Cu1, gal Cu, Ni
Cable clamp:	Spring-Steel, CK60
Strain relief bushing:	POM
	PU (red)

Dimensions

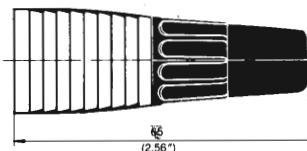
Cable diameter (special version):	3.8 ÷ 7.5 mm (6 - 8mm)
Max. wire size:	0.5mm ² (AWG 20)

Right angle cable connectors:

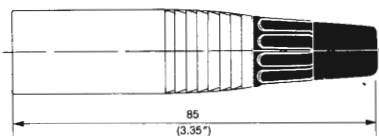
LNE-FRC - female, nickel finish
LNE-MRC - male, nickel finish

UL listed E83054

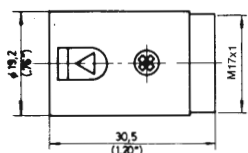
CONNECTOR MODULES AND ADAPTERS



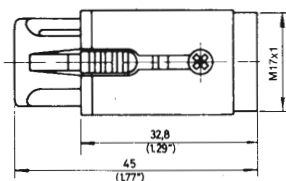
Cable Module
CM Nickel
CMB Black Chrome



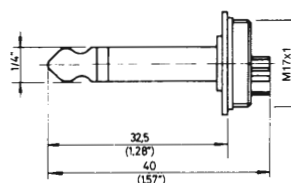
Cable Module, long
CML Nickel
CMBL Black Chrome



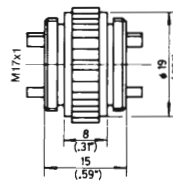
Three Contact Male
NC3MM Nickel/Silver contacts
NC3MM BAG Black Chrome/Silver
NC3MM B Black Chrome/Gold



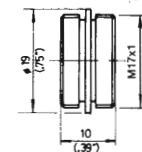
Three Contact Female
NC3FM Nickel/Silver contacts
NC3FM BAG Black Chrome/Silver
NC3FM B Black Chrome/Gold



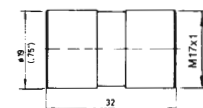
Phone plug
NP2PMM 2 circuit (mono)



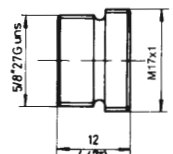
Switch Module
SM2
2 position (SPDT) Black



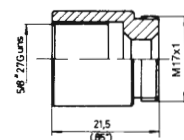
Connecting Module
VM Silver
VMB Black



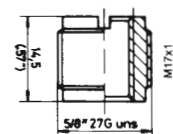
Housing Module
KM Nickel
KMB Black Chrome



Thread Adapter
NAM-1
M17X1 external
5/8" 27 tpi external

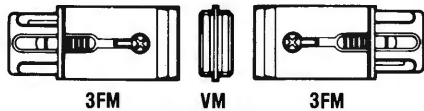


Thread Adapter
NAM-4
M17X1 external
5/8" 27 tpi internal

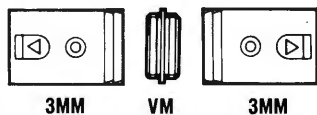


Thread Adapter
NAM-5
5/8" 27 tpi external
3/8" internal

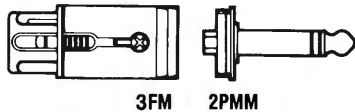
SUGGESTED MODULAR COMBINATIONS



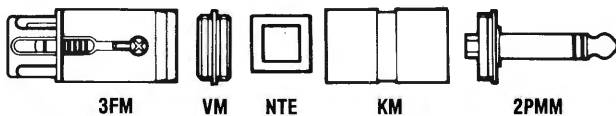
Female - Female



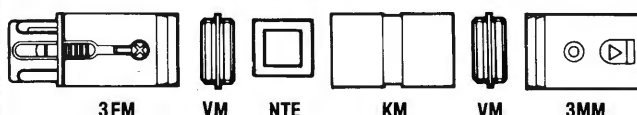
Male - Male



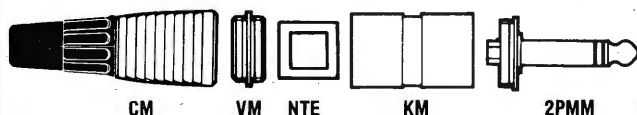
Female - Phone Plug



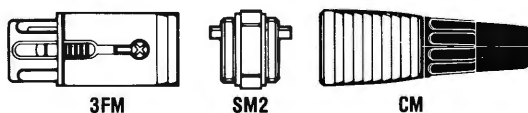
Female - Phone Plug with Transformer



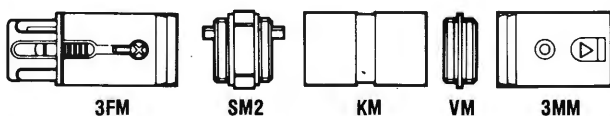
Female - Male, with Transformer



Phone Plug with Transformer



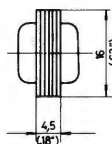
Female Connector, with Switch / remote start-stop, etc.



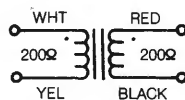
Switch-selected pad or Transformer, amplifier, equalizer, filter, etc.

TRANSFORMERS

NTE TRANSFORMERS



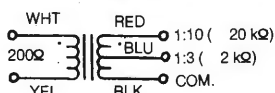
NTE-1 (red)
Ratio 1:1 (200Ω:200Ω)
Bandwidth: 30 Hz - 40 kHz



NTE-4 (yellow)
Ratio: 1:4 (200Ω:3 kΩ)
Bandwidth: 30 Hz - 40 kHz



NTE 103 (orange)
Ratio: 1:3/1:10
(200Ω:20kΩ/2 kΩ)
Bandwidth: 30 Hz - 90 kHz



FLEXIBLE MICROPHONE SHAFTS

GN- 7E: 7 inches long

GN-14E: 14 inches long

GN-20E: 20 inches long

GN-7E & GN-14E also available in black finish (add suffix BLK)

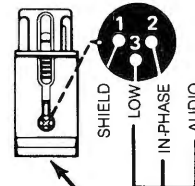
TECHNICAL DATA

	GN-7E	GN-14E	GN-20E
Length (to top seating plane):	163mm (6-7/16")	341mm (13-7/16")	494mm (19-7/16")
Net Weight (gooseneck only):	115g (4oz)	200g (7oz)	425g (15oz)
Max. Permissible Mic Weight: (with gooseneck on horizontal surface)	450g (16oz)	255g (9oz)	450g (16oz)
Gooseneck Diameter:	11mm	11mm	15mm

The GN-Series Flexible-Gooseneck kits (GN-7E 7-inch unit, GN-14E 14-inch unit and GN-20E 20-inch unit) offer an unprecedented degree of versatility in mounting microphones to suit a wide range of applications. As shown in the assembly diagram below, each kit consists of interchangeable modules - mating parts that may be threaded and wired together in various combinations to create several different physical and electrical configurations.

STD PARTS W/KIT (XLR PINOUT SHOWN ARE WIRING VIEW):

3FM Fem
XLR Conn
& NAM4
Thread
Adapter
(For Direct
Mic Plug-In)

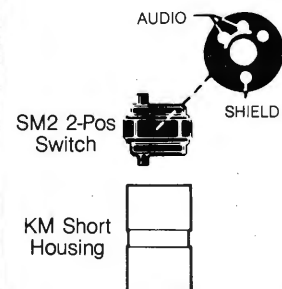


5/8"—27
Ext Thrd
Mates w/
Parts
above
or w/Mic's
Stand
Adapter

Flexible-
Shaft
Gooseneck

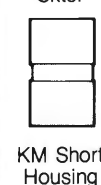
Side/Bottom
Exit Holes
For Internal
Cabling

PARTS REQUIRED FOR OPTIONAL ON/OFF SWITCH:



PARTS REQUIRED FOR OPTIONAL PHONE-PLUG TERMINATIONS:

For Low-
Impd Unbal
Ckts:



KM Short
Housing

For Hi-Impd
Unbal Ckts:



KM Short
Housing
w/NTE-4,
NTE-103
XFMR

Hollow-
Center Bolt
w/Washer
(For
Custom
Mounting
on Desk,
Table,
Lectern)

NAM1 Thrd Adptr & 3MM
Male XLR Conn. (For Plug-In
Mounting on Console)



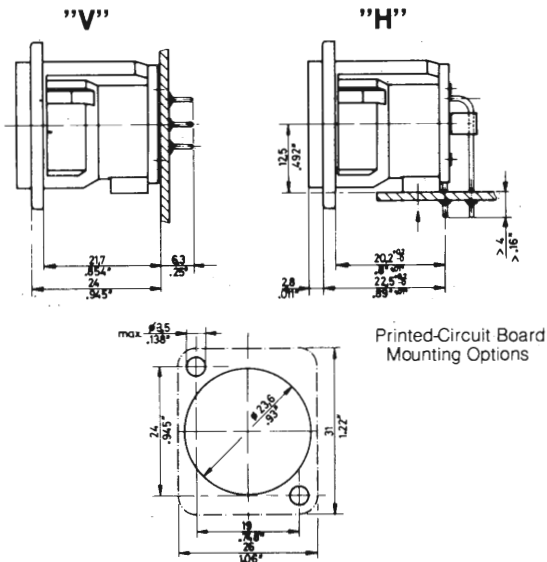
2PMM 1/4"
Phone-Plug
Module



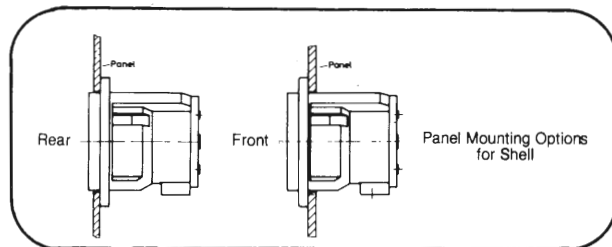
2PMM 1/4"
Phone-Plug
Module

The goosenecks are supplied complete with male & female 3-pin XLR-type adapters and a hollow bolt for tabletop mounting and NAM 1, NAM 4 adapters. For details, ask for engineering data sheet.

"D" SERIES XLR-TYPE RECEPTACLE; UNIQUE PRINTED CIRCUIT MOUNT



Printed-Circuit Board Mounting Options



Panel Mounting Options for Shell

A completely new concept for modern assembly methods.

- insert mounts on PC board, shell mounts on panel
- insert mates with shell from rear and is locked from front without any screws, using only a 2 mm (0.08") screwdriver
- same housing used for both male and female versions
- requires less panel space (1.06" x 1.22") (26 x 31 mm)
- complete PC board with inserts attached may be repeatedly removed and re-installed for service purposes without removing the shells or any fasteners
- for vertical (V) or horizontal (H) PC boards
- connectors may be used to retain the PC board in the chassis without strain on the solder pads (self-tapping) 2.2 mm / 3/32" screws)
- complete RF shielding via 3-point coaxial ground contact to shell of mated connector
- locking or non-locking versions available
- available in three-pin version only

Horizontal PCB (Right angle leads)

NC3FD-H	Female	}	Nickel Housing
NC3MD-H	Male		Silver Contacts
NC3FD-H-BAG	Female	}	Black-Chrome Housing
NC3MD-H-BAG	Male		Silver Contacts

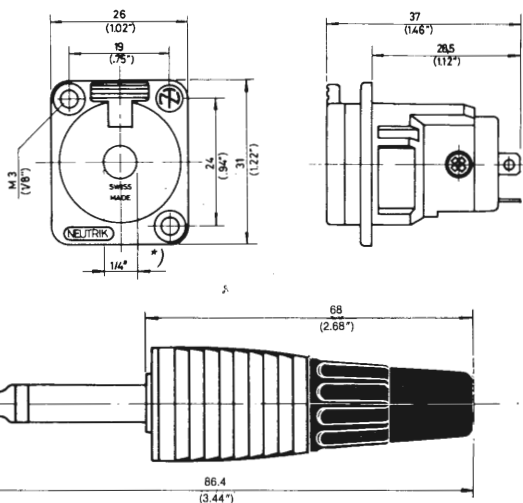
Vertical PCB (Straight leads)

NC3FD-V	Female	} Nickel Housing
NC3MD-V	Male	
NC3FD-V-BAG	Female	} Black-Chrome Housing
NC3MD-V-BAG	Male	

Solder Lug Version

NC3FD-L	Female	}	Nickel Housing
NC3MD-L	Male		Silver Contacts
NC3FD-L-BAG	Female	}	Black-Chrome housing
NC3MD-L-BAG	Male		Silver Contacts

PROFESSIONAL LOCKING PHONE JACK AND HEAVY DUTY PHONE PLUG.



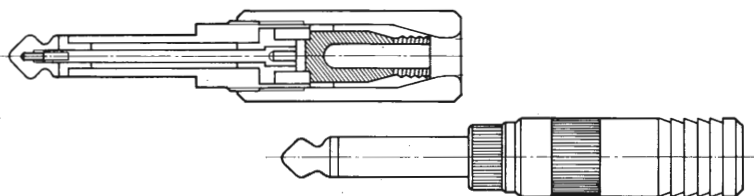
Professional, locking Phone Jack. All three contacts silver-plated, spring-loaded (CuBe) and isolated from housing. (Removal of red insulating shoulder washer from insert retaining screw will ground "sleeve" contact to housing.) Die-cast housing, dimensionally compatible with Neutrik "D" Connectors. Solder termination. Mates with all 1/4 inch 2- and 3-circuit Phone Plugs.

NJ3FP6C:	Nickel Housing
NJ3FP6C-BAG	Black-Chrome Housing

Professional 2-circuit (mono) Phone Plug with nickel-plated steel shaft. Same cable chuck/flex relief system as used in NEUTRIK XLR-type cable connectors.

NP2MC:	Nickel Housing
NP2MC-BAG:	Black-Chrome Housing

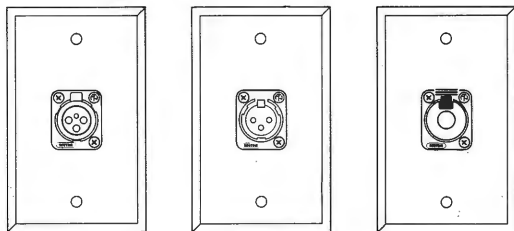
PROFESSIONAL (ALL METAL) PHONE PLUG



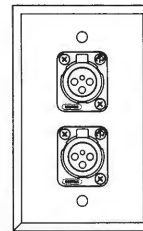
Professional 2-circuit (mono) and 3-circuit (stereo) phone plugs. All-metal construction with chuck-type strain relief system. For positive cable grip without damage and ease of assembly.

NP2C - Mono, Nickel Finish
NP3C - Stereo, Nickel Finish

WALL MOUNTING PLATES



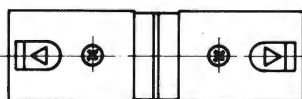
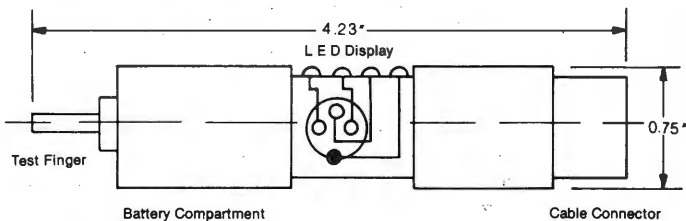
Single gang box with single receptacle
 103F Female, NC3FD-L
 103M Male, NC3 MD-L
 103P Lockable phone jack, NJ3FP6C



Single gang box with dual receptacles
 203F 2X female, NC3FD-L
 203M 2X male, NC3MD-L
 203FM female/male, NC3FD/NC3MD
 203P 2X lockable phone jack, NJ3FP6C

Custom made configurations of the above and in combination with 4, 5 and 6 pins standard XLR-types are available upon request.

CABLE TESTER "K-CHECK"



NAM8 BAG
 3-pin XLR-Male Connector
 3-pin XLR-Male Connector

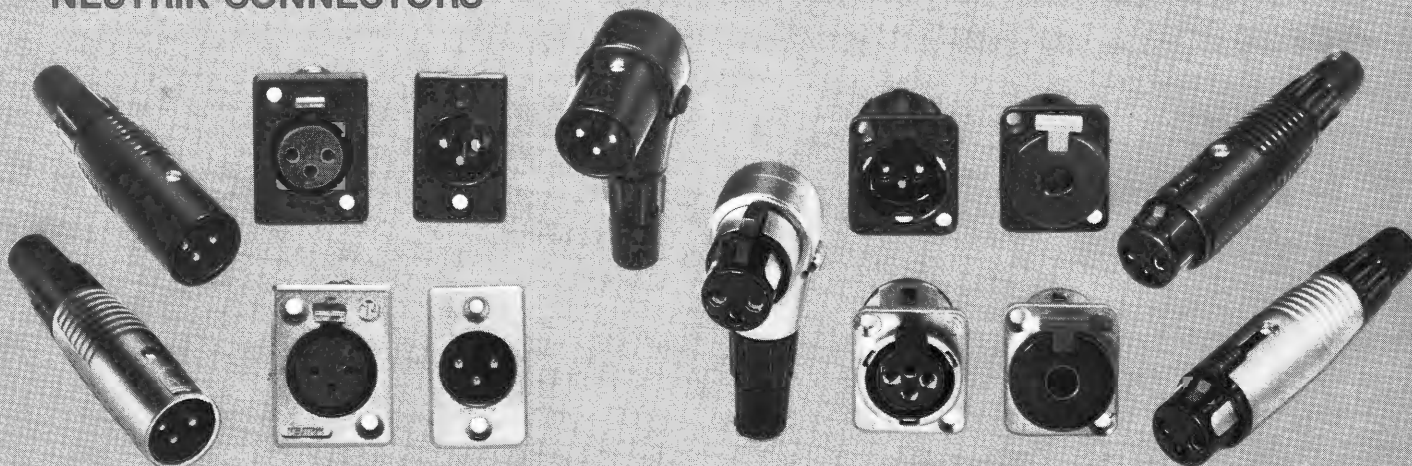


NAM9 BAG
 3-pin XLR Male Connector
 Phone Jack, 1/4", 3 circuit



The K-Check consists of a test finger, battery compartment (containing 5.6V mercury battery), an LED-Display and a 3-contact female XLR-type connector. Each red LED is keyed to a corresponding contact ("pin number") in the female connector. Connection between the test finger and any contact in the female connector will cause the appropriate red LED to light. Connection between the test finger and the shell (housing) of the female connector (or any connector plugged into it) will cause the green (ground) LED to light. If connection is made to two or more contacts in the female connector, LED's will light for each contact involved. It is easy to see how this can speed cable testing.

NEUTRIK CONNECTORS



QUALITY · RELIABILITY · DEPENDABILITY



NEUTRIK

NEUTRIK PRODUCTS
 77 SELLECK STREET
 STAMFORD, CT. 06902 (203) 348-2121

Product design and prices are subject to change without notice.

"THE SWISS CONNECTION"

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