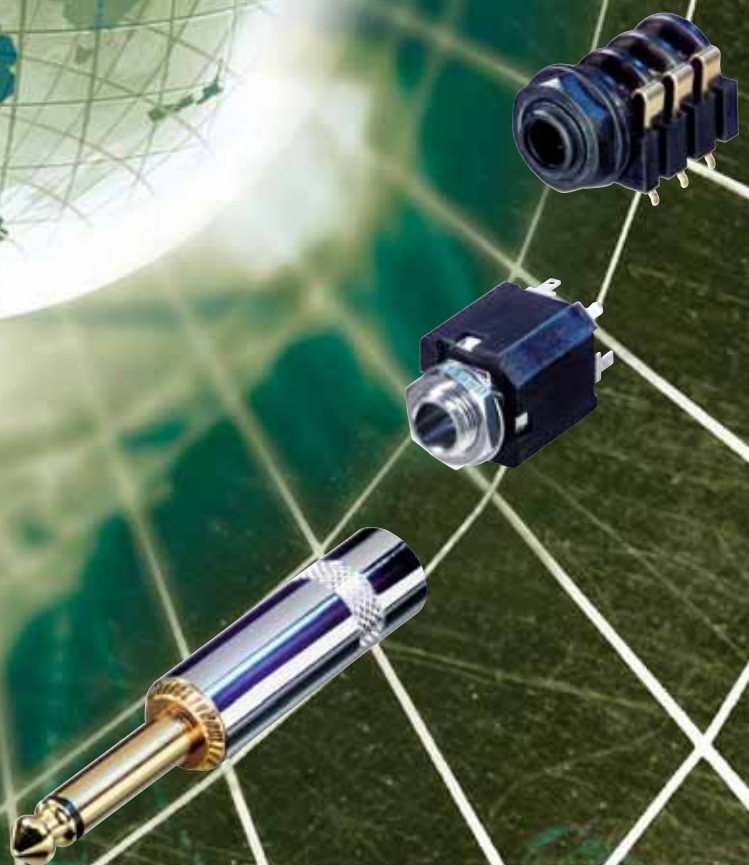


N Y S P r o d u c t G u i d e



NEUTRIK®

CONNECTING THE WORLD

Plugs



1/4" and 3.5 mm Phone Plugs



NYS 204



NYS 208



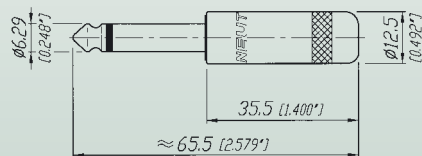
NYS 224G



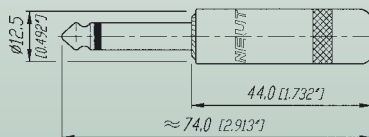
NYS 225B

- Commercial 1/4" plugs and adapters
- All connectors acc. EIA RS-453 / IEC 60603-11
- Short and long turned brass handles
- Plastic handle with flexible strain relief
- Heavy duty cable clamp for best strain relief

NYS 201



NYS 224

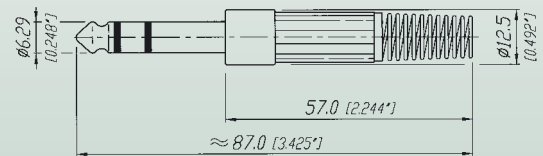


NYS 231

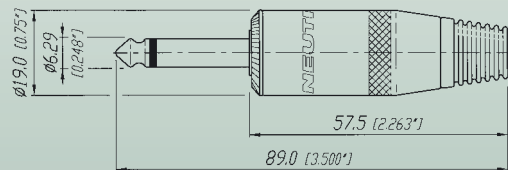


- Available in nickel, gold and black plating
- Large cable outlet and solder tabs
- Right angle version
- "Silent switch" on plug finger helps eliminate "pop" during insertion and withdrawal

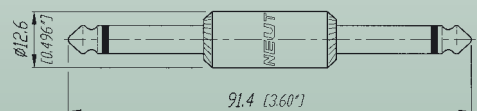
NYS 204



NYS 225



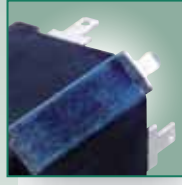
NYS 237



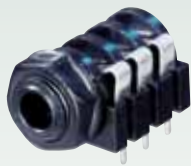
Ordering Information

Type No.	Mono 2 Pole	Stereo 3 Pole	Description	Cable O.D.	Compatibility
1/4" plug short handle					
NYS 201	•		Short turned brass handle	6 mm	S/C 280
NYS 202		•	Short turned brass handle	6 mm	S/C 297
1/4" plug plastic handle					
NYS 203	•		Plastic handle with flexible strain relief	6 mm	S/C 250
NYS 204		•	Plastic handle with flexible strain relief	6 mm	S/C 267
1/4" plug right angle					
NYS 207	•		Metal housing, plastic bushing	6 mm	S/C 226
NYS 208		•	Metal housing, plastic bushing	6 mm	S/C 236
1/4" plug long handle					
NYS 224	•		Long turned brass handle, no rivet	6 mm	S/C 285
NYS 224G	•		With gold plated contacts	6 mm	S/C 285
NYS 224BG	•		With black metal handle, gold plated contacts	6 mm	S/C 285
NYS 224GT	•		With gold plated tip contact	6 mm	S/C 285
NYS 224AG	•		With gold plated shell and contacts	6 mm	S/C 285
NYS 224L	•		With large cable outlet	8 mm	S/C 285L
NYS 224S	•		With tip switched to ground if not inserted (silent)	6 mm	S/C 285
NYS 228		•	Stereo version of 224	6 mm	S/C 297
NYS 228BG		•	With black metal handle, gold plated contacts	6 mm	S/C 297
NYS 228G		•	With gold plated contacts	6 mm	S/C 297
NYS 228GT		•	With gold plated tip contact	6 mm	S/C 297
1/4" plug with large shell for speaker cable					
NYS 225	•		Large metal handle, rubber bushing	8 mm	S/C 187
NYS 225B	•		With black metal handle	8 mm	S/C 187B
NYS 225L	•		With large cable outlet	9 mm	
NYS 225S	•		With tip switched to ground if not inserted (silent)	8 mm	
1/4" plug adapter					
NYS 237	•		Mono plug adapter to mate standard 1/4" jacks, full metal		
NYS 239		•	Stereo plug adapter to mate standard 1/4" jacks, full metal		
3.5 mm plug					
NYS 226	•		Metal handle with crimp strain relief	4 mm	
NYS 226B	•		With black metal handle	4 mm	
NYS 226BG	•		With black metal handle, gold plated contacts	4 mm	
NYS 226G	•		With gold plated contacts	4 mm	
NYS 226L	•		With large cable outlet	6 mm	
NYS 227		•	3.5 mm plug to 1/4" stereo jack, all metal	-	
NYS 231		•	Metal handle with crimp strain relief	4 mm	S/C 35HDNN
NYS 231B		•	With black metal handle	4 mm	
NYS 231BG		•	With black metal handle, gold plated contacts	4 mm	S/C 35HDBAU
NYS 231G		•	With gold plated contacts	4 mm	
NYS 231L		•	With large cable outlet	6 mm	

J a c k s



1/4" Phone Jacks



NYS 216
Horizontal Jack



NYS 220
Long Bushing



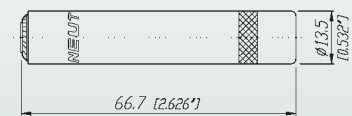
NYS 230
Open Jack



NYS 234
Vertical Jack

- Robust and reliable jacks in metal or plastic housing
- Horizontal and vertical PCB mount
- Extra long-threaded bushing for thick panel and guitar bodies
- Plastic nut or chrome ferrule nut
- Kinked solder pins secure jack to PCB

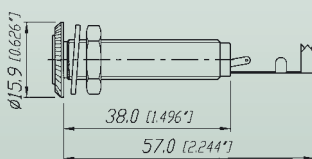
NYS 2202P



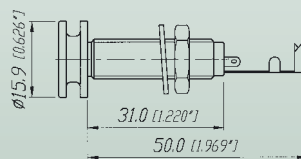
NYS 240



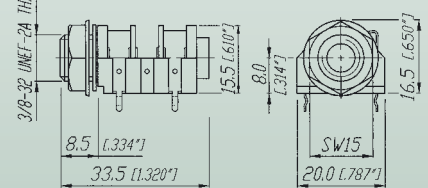
NYS 220



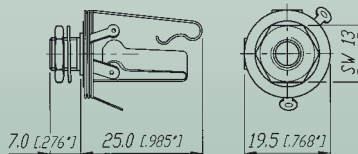
NYS 221



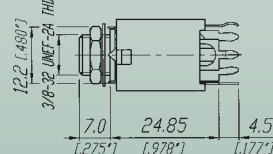
NYS 2162



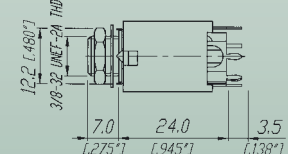
NYS 230



NYS 232



NYS 234



Ordering Information

Type No.	Mono 2 Pole	Stereo 3 Pole	Description	Distance to PCB	Compatibility
1/4" Long bushing jacks					
NYS 2202	●		Jack for thick panels, long-threaded bushing with washer and nut, full metal	-	S/C 151
NYS 2203		●	Jack for thick panels, long-threaded bushing with washer and nut, full metal	-	S/C 152B
NYS 221		●	Jack with special designed head for guitar strap, for thick panels, long-threaded bushing with washer and nut, full metal	-	
Cable jacks					
NYS 2202P	●		1/4" Mono cable jack with metal handle, max. cable O.D. 6.0 mm	-	
NYS 2203P		●	1/4" Stereo cable jack with metal handle, max. cable O.D. 6.0 mm	-	
NYS 240		●	3.5 mm stereo cable jack with metal handle, max. cable O.D. 4.0 mm	-	
NYS 240BG		●	With black metal handle, gold plated contacts, max. cable O.D. 4.0 mm	-	
NYS 240L		●	With large cable outlet, max. cable O.D. 6.0 mm	-	
1/4" Horizontal jacks (all contacts switched)					
NYS 212		●	Plastic housing with nut and washer, solder tap version	-	
NYS 2122	●		Plastic housing with nut and washer, solder tap version	-	
NYS 215		●	With chrome ferrule nut	8.2 mm	
NYS 2152	●		With chrome ferrule nut	8.2 mm	
NYS 2152G	●		With chrome ferrule nut and gold contact	8.2 mm	
NYS 216		●	Plastic housing with nut and washer	8.2 mm	
NYS 2162	●		Plastic housing with nut and washer	8.2 mm	
NYS 216G		●	With gold contact	8.2 mm	CLIFF S2/PC-C
NYS 218		●	With extra long contacts	15 mm	
NYS 2182	●		With extra long contacts	15 mm	
NYS 219		●	With long contacts	12.5 mm	
NYS 2192	●		With long contacts	12.5 mm	
1/4" Open jacks					
NYS 229	●		2 contacts, with washer und nut, panel thickness 3.5 mm	-	S/C 11
NYS 229L	●		2 contacts, with longer threaded nose, washer and nut, panel thickness 6.5 mm, with 0.205" faston tabs	-	
NYS 230		●	3 contacts, with washer and nut, panel thickness 3.5 mm	-	S/C 12B
1/4" Vertical jacks					
NYS 232		●	Plastic housing, metal washer and nut, with tip and ring normalling contacts	24.85 mm	S/C HiD-range
NYS 234		●	Plastic housing, metal washer and nut, with tip and ring normalling contacts	24.0 mm	S/C HiD-range
NYS 2343		●	Plastic housing, metal washer and nut, no normalling contacts	24.0 mm	S/C HiD-rang
Phone jack adapter					
NYS 236	●		1/4" jack adapter to mate with standard 1/4" plug, full metal	-	
NYS 238		●	1/4" jack adapter to mate with standard 1/4" plug, full metal	-	

Phono "RCA" & DIN Connectors



Phono ("RCA/Cinch")

DIN Connectors



NYS 352G



NYS 354



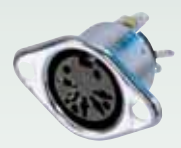
NYS 355



NYS 373-6



NYS 322

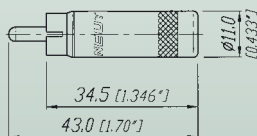


NYS 324

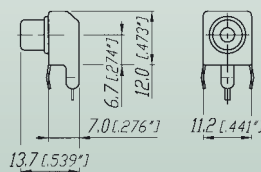
- Heavy duty phono plugs
- All metal
- Cable O.D. up to 6 mm (0.25")
- Cable clamp or chuck type strain relief
- Phono receptacle for PCB-mounting
- Phono to phono female adapter

- Male cable connectors with turned brass
- shell
- Flexible bushing
- Gold or silver-plated-non-tarnishing contacts
- Heavy duty cable clamp
- Female receptacle, stamped housing
- Complete shielding with ground contact
- Nickel-plated shell

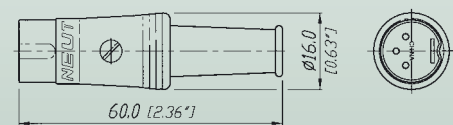
NYS 352



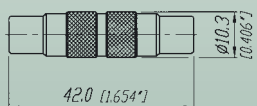
NYS 354



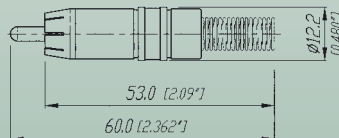
NYS 321



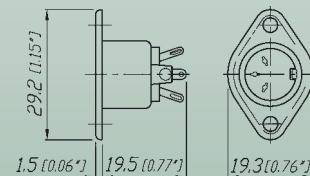
NYS 355



NYS 373-*



NYS 324



Ordering Information

Type No.	Description	Cable O.D.	Compatibility
Phono ("RCA/Cinch")			
NYS 352	Phono plug	7.2 mm	
NYS 352B	Phono plug with black metal handle	7.2 mm	
NYS 352G	Phono plug with gold plated contacts	7.2 mm	S/C 3502L/3502A
NYS 352AG	Phono plug, all gold plated	7.2 mm	
NYS 352BG	Phono plug with gold plated contacts and black metal handle	7.2 mm	S/C 3502 ABAU
NYS 354	Phono receptacle, PCB-mount, max. Panel thickness 1.2 mm	-	
NYS 355	Phono to phono female adapter	-	S/C 349A
NYS 367-*	Phono chassis mount socket, gold plated contacts, color coding	-	
NYS 372P	Phono jack with nickel plated contacts and handle	7.2 mm	
NYS 372P-BG	Phono jack with gold plated contacts and black plated handle	7.2 mm	
NYS 373-*	Phono plug with gold plated contacts, black chromium shell, chuck type strain relief	3.0-6.1 mm	
	*: 0-Black, 2-Red, 4-Yellow, 5-Green, 6-Blue, 9-White		
DIN male cable connector			
NYS 321	3-pole, silver plated contacts	5.0 mm	
NYS 321G	3-pole with gold plated contacts	5.0 mm	
NYS 322	5-pole, silver plated contacts	5.0 mm	
NYS 322G	5-pole with gold plated contacts	5.0 mm	
NYS 322AG	5-pole with gold plated shell and contacts	5.0 mm	
NYS 323	7-pole, silver plated contacts	5.0 mm	
NYS 323G	7-pole with gold plated contacts	5.0 mm	
DIN female chassis connector			
NYS 324	3-pole, silver plated contacts	-	
NYS 325	5-pole, silver plated contacts	-	
NYS 326	7-pole, silver plated contacts	-	

Patch Box & Stage Box



Patch Box



NYS-SSR-8

- "The Easy Way to Link your Audio System"
- 1/4" Patch Box with 8 Send/Return modules (Split Print)
- Metal housing - reliable and robust
- Easy to assemble, simple to use

Stage Box



NSB2A-20/4



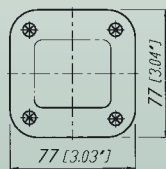
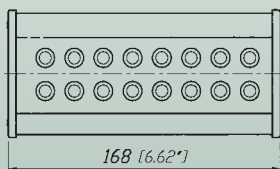
NSB2B-12/4



NSB1C-8/0

- Modular system for individual size and configuration
- Designed to offer in an individual combination of connectors for "IN" and "OUT" and length
- Easy to assemble
- 3 pole XLR IDC receptacles eliminate stripping and tinning of wires
- Luminescent, self-adhesive labels for connector identification
- Extremely price competitive

NYS SSR-8



Patch Box & Stage Box

Ordering Information

(Supplied as disassembled set comprising of all hardware parts including plates, profiles, strain relief, endpieces and screws.)

Patch Box

NYS-SSR-8 1/4" Patch Box with 8 Send/Return Moduls (Split Print)

Stage Box

Type A

NSB1A-8/4 Length 1, 8 IN (Female/Send) and 4 OUT (Male/Return)

NSB2A-20/4 Length 2, 20 IN (Female/Send) and 4 OUT (Male/Return)

NSB3A-32/4 Length 3, 32 IN (Female/Send) and 4 OUT (Male/Return)

Type B

NSB1B- 8/0 Length 1, 8 IN (Female/Send)

NSB2B-12/4 Length 2, 12 IN (Female/Send) and 4 OUT (Male/Return)

NSB3B-20/4 Length 3, 20 IN (Female/Send) and 4 OUT (Male/Return)

Type C

NSB1C- 8/0 Length 1, 8 IN (Female/Send)

NSB2C-12/4 Length 2, 12 IN (Female/Send) and 4 OUT (Male/Return)

NSB3C-20/4 Length 3, 20 IN (Female/Send) and 4 OUT (Male/Return)

Type A NSB1A



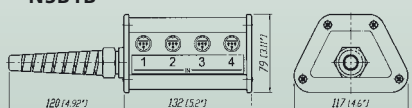
NSB2A



NSB3A



Type B NSB1B



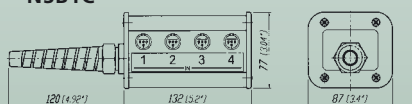
NSB2B



NSB3B



Type C NSB1C



NSB2C



NSB3C



Dual Banana Plug



Dual Banana Plug



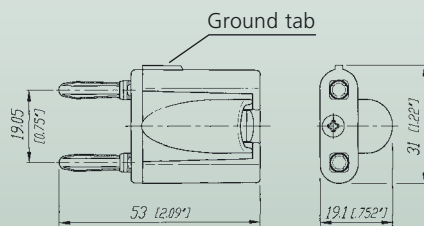
NYS 508-R



NYS 508-B

- Cable strain relief: teathed cable clamp featuring cable O.D. 6 - 10.5 mm
- Protection against electric shock: cable ends and plugs are completely covered in mated condition
- Gold plated contacts for tarnish resistance & long insertion life

NYS 508-*



Technical Data

Specification		Phone Plugs	Phone Jacks	Phono ("RCA/Cinch)	DIN Connectors	Dual Banana Plug
Electrical						
Rated current	Depends on mating connector	●	●	●	●	20 A
Contact resistance	Depends on mating connector	●	●	●	●	-
Insulation Resistance	≥ 1 GΩ	●	●	●	●	●
Dielectric strength	500 V dc	●	●	●	●	●
Mechanical						
Life Cycles		5'000	5'000	5'000	1'000	5'000
Insertion / withdrawal force ≤ 20 N / ≥ 10 N		-	●	-	-	-
Cable O.D.	See ordering information	-	-	See ordering information	5 mm	6 - 10.5 mm
Panel Thickness		-	See ordering information	-	-	-
Solderability complies with IEC68-2-20		●	●	●	●	-
Operating Temperature		-25°C to +70°C	-25°C to +70°C	-25°C to +70°C	-25°C to +70°C	-25°C to +50°C
Material						
Housing/Handle	- Brass Ni/Au/black plated	●	●	●	●	-
	- Zinc Diecast	NYS 207/208/225*	-	-	-	-
	- Steel, Ni plated	-	-	-	NYS 324/325/326	-
Insulation	- Thermoplastic	●	●	●	●	●
Contacts	- Brass, Ni/Au plated	●	●	●	●	●
Strain Relief	- Crimp type SnCe plated	●	-	●	-	-
	- Crimp type Zn plated	-	-	-	●	-
	- Chuck type (POM)	-	-	NYS 373	-	-
	- Teethed cable clamp	-	-	-	-	●

Specification		1/4" Patch Box	Stage Box
Electrical			
Rated current	Depends on mating connector	●	2 A
Contact resistance	Depends on mating connector	●	< 5 mΩ
Insulation Resistance	≥ 1 GΩ	●	●
Dielectric strength	500 V dc	●	●
Mechanical			
Life Cycles		> 10 000	> 1 000
Insertion / withdrawal force ≤ 20 N / ≥ 10 N	●	≤ 10 N / ≥ 10 N	
Multicore cable O.D.		-	15 / 20 mm
Applicable wire size		-	0.22 mm² / 24 AWG and 0.14 mm² / 26 AWG
Operating Temperature	-25°C to +70°C	●	●
Material			
Housing		Aluminium	Aluminium
Quad Plates		-	POM
End Pieces	- Thermoplastic	●	●
Contacts	- Brass / Bronze	Ni plated	Au plated

Part Number Coding:

B black handle
 G gold plated contacts
 GT gold plated tip contact
 L large cable outlet

S silent switch
 AG ... all gold, gold plated contacts and shell
 BG ... black handle, gold plated contacts

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