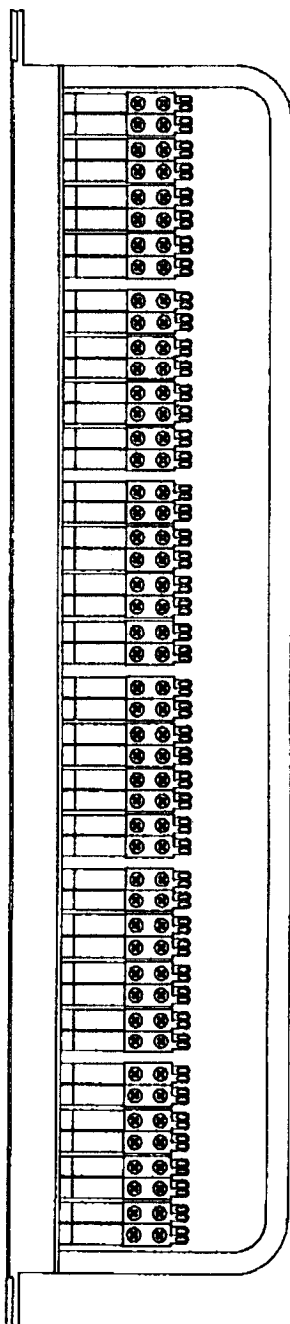


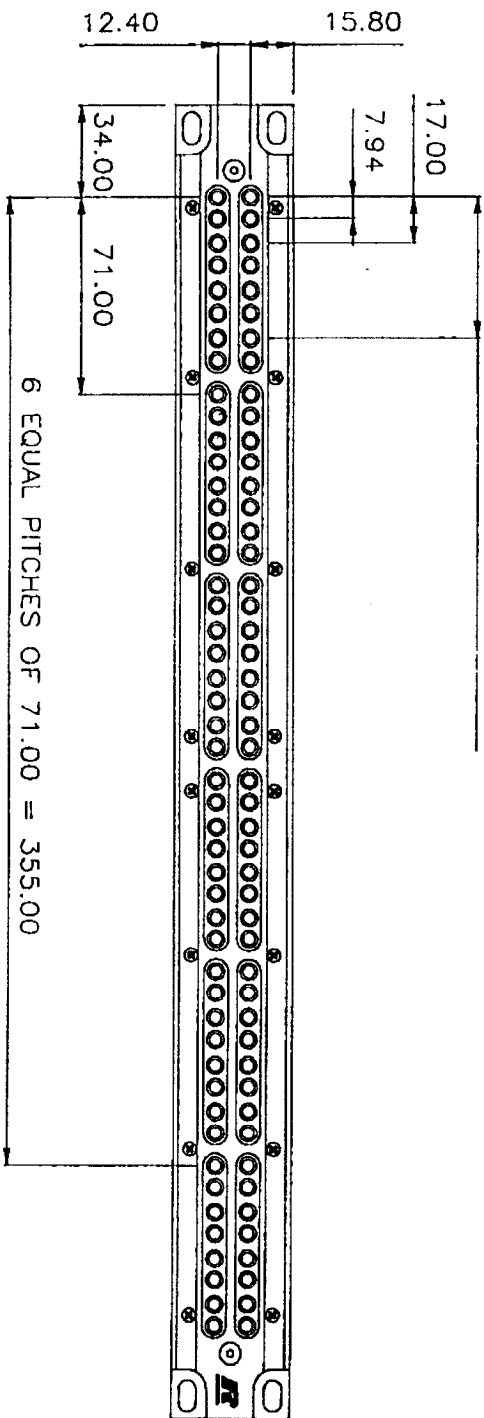
MATERIAL - N/A

FINISH - N/A

DRG. No. - MA96-10



4 EQUAL PITCHES OF 17.00



DRAWN	GD								
CHECKED									
APPROVED									
SCALE	1:2	ISS.	A	DATE	2.02.98	CN		ISS.	
		DATE							

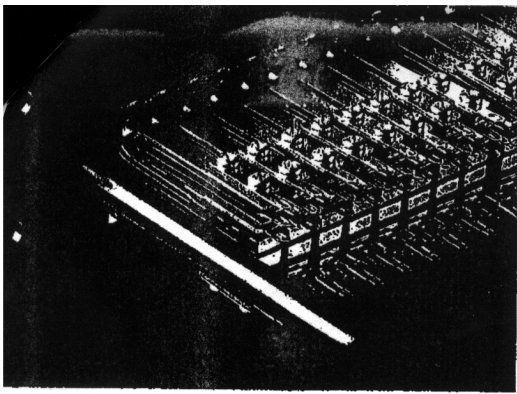
DIMENSIONS IN MM  
 TOLERANCES UNLESS OTHERWISE STATED:  
 NO DECIMAL PLACES ± 0.50  
 1 DECIMAL PLACE ± 0.25  
 2 DECIMAL PLACES ± 0.10  
 ANGLES ± 0.50

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RE-AM PRODUCTS  
 SPRINGHEAD ENTERPRISE PARK  
 SPRINGHEAD ROAD  
 NORTH-FLEET KENT DA11 9HB

RE-AM PRODUCTS  
 SPRINGHEAD ENTERPRISE PARK  
 SPRINGHEAD ROAD  
 NORTH-FLEET KENT DA11 9HB

PITCH OF HOLES FOR MA96  
 DRAWING No  
 MA96-11



## MA 96 and XPM 96 Bantam Patchbays

The MA 96 and XPM 96 Bantam Patchbays have been designed to accept standard Bantam Jack connectors and are fitted with 96 Re'an die-cast jack sockets in two grouping formats applicable for both music recording and broadcast/data applications. The patchbays are constructed from a machined rigid aluminium extrusion which includes integral slots for the designation strips. A strong, powder-coated steel lacing bar is an integral part of the construction and provides reliable support for connecting cable looms.

The MA 96 has a unique 2 row, 12 x 8 jack format in stereo pairs which is especially convenient for music recording applications where mixing console layouts and multi-track recording systems are typically grouped in multiples of 8 and can be of particular benefit when used with modular digital multi-track recording formats.

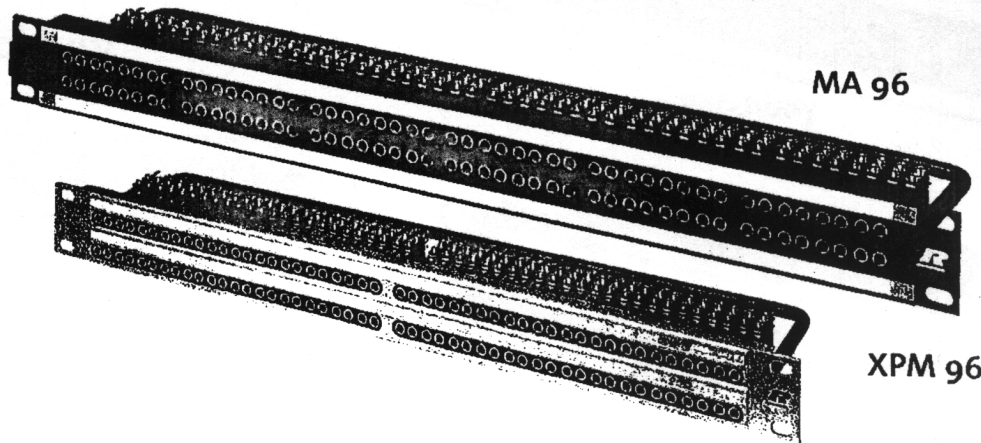
The XPM 96 is the more traditional 2 row, 4 x 24 format, stereo paired and designed for broadcast and data applications.

## MAJ 501 Bantam Jack Socket

The MAJ 501 is a 5-point Bantam jack socket and is fitted into both the MA 96 and the XPM 96 patchbays. Constructed from a bright nickel-plated die-cast alloy, the jack has considerable frame strength eliminating physical distortion when a plug is inserted.

## MAC Moulded Bantam Patchcords

The Re'an MAC range of moulded patchcords have been designed to offer reliability and durability at considerably lower cost by using modern materials and manufacturing techniques. These patchcords are constructed from a 4 conductor, low-noise, oxygen-free copper wired in star-quad format with an overall screen providing 95% coverage of the signal conductors. The cable sheath is made from a very flexible, soft PVC which is over-moulded to the Bantam connectors giving the assembly considerable strength.



## MAJ 500 Series Bantam Jacks

Tinned tags for easy soldering

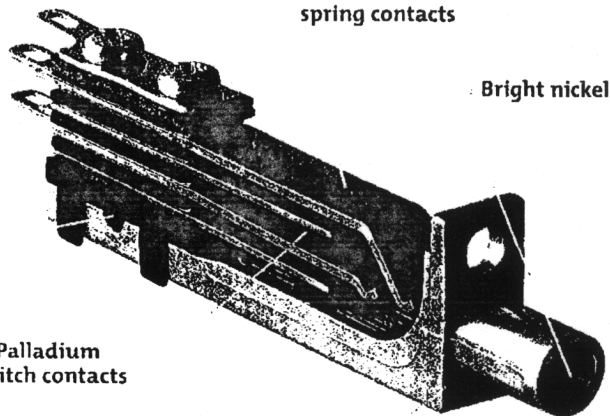
Fixing hole

Palladium switch contacts

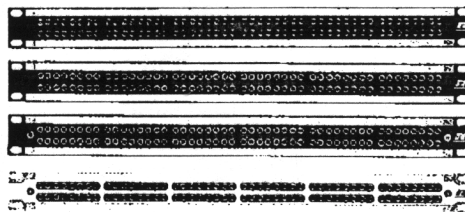
Rigid die-cast body

Nickel-silver spring contacts

Bright nickel plating



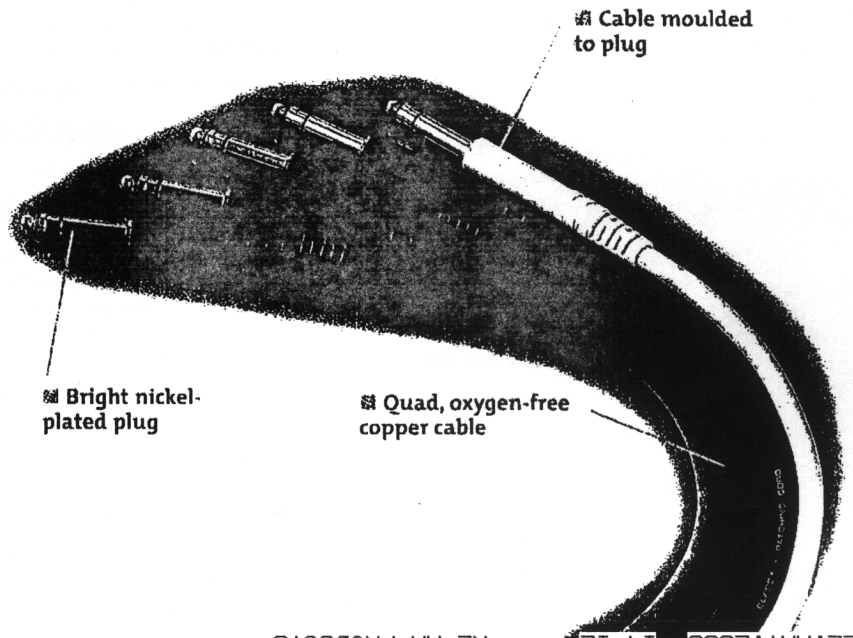
MA 96 Patchbays



XPM 96 Patchbay



Patchbays are available in 4 colours.

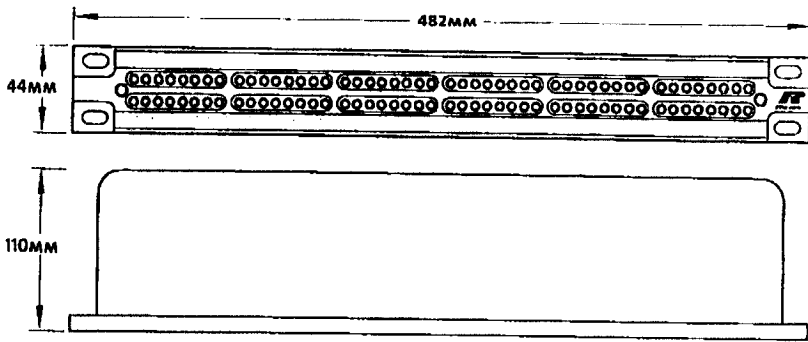


Cable moulded to plug

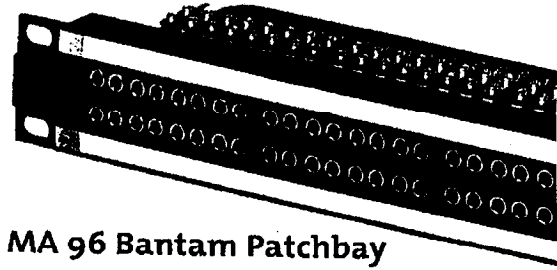
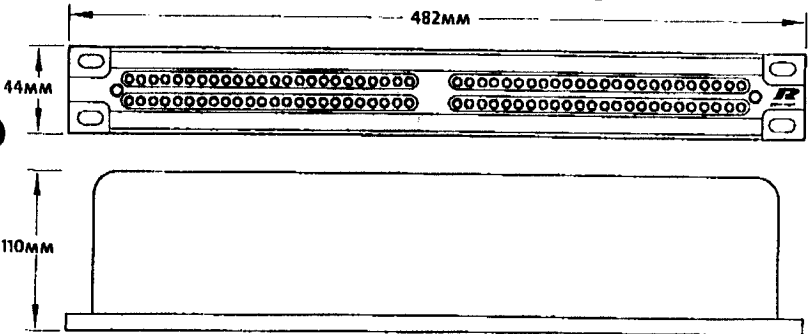
Bright nickel-plated plug

Quad, oxygen-free copper cable

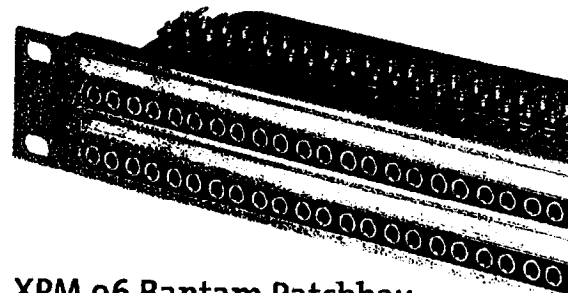
## MA 96 Patchbay



## XPM 96 Patchbay



MA 96 Bantam Patchbay



XPM 96 Bantam Patchbay

## Ordering

### MA 96 Patchbays

MA 96 = 0 = BLACK FINISH  
 PATCHBAY NO OF JACKS A = RED  
 D = BLUE  
 S = SILVER

IE: MA 96 A = MA 96 WAY PATCHBAY IN RED

### XPM 96 Patchbays

XPM 96 = 0 = BLACK FINISH  
 PATCHBAY NO OF JACKS A = RED  
 D = BLUE  
 S = SILVER

IE: XPM 96 0 = XPM 96 WAY PATCHBAY IN BLACK

## MAJ 500 Series Jacks

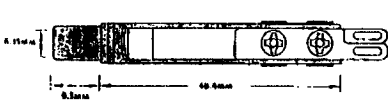
MAJ 5 JACK 01 = STANDARD SOLDER TAG  
 02 = PCB MOUNT  
 04 = PCB MOUNT  
 06 = PCB MOUNT 90°  
 08 = PCB STRAIGHT

IE: MAJ 5 01 = MA JACK, WITH STANDARD SOLDER TAG

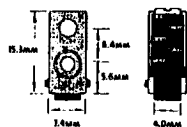
Side Elevation



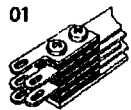
Plan Elevation



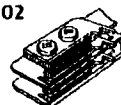
End Elevations



01



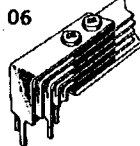
02



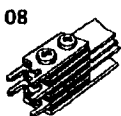
04



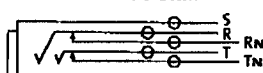
06



08



Circuit Detail



## Electrical

CONTACT RESISTANCE: <24MΩ  
 SWITCH CONTACT RESISTANCE: <16MΩ  
 INSULATION RESISTANCE: >1000MΩ  
 DIELECTRIC STRENGTH: >500VDC  
 FREQUENCY RANGE: DC - 50KHZ

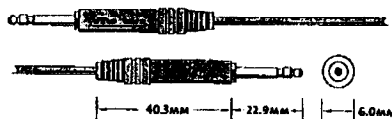
## Mechanical

LIFE: >10000 CYCLES  
 INSERTION FORCE: 4.87N  
 WITHDRAWAL FORCE: 1.19N  
 PCB FOOTPRINT DATA IS AVAILABLE,  
 PLEASE CONTACT THE SALES OFFICE

## Materials

FRONT PANEL: ANODISED ALUMINIUM  
 LACING BAR: POWDER COATED STEEL  
 JACK FRAME: DIECAST ALLOY  
 SPRING CONTACTS: PURE NICKEL-SILVER  
 SWITCH CONTACTS: PALLADIUM

## Bantam (MAC) Patchcord



## Electrical

RESISTANCE CORE: 118MΩ  
 RESISTANCE SCREEN: 8.6MΩ  
 CAPACITOR (CORE/SCREEN): 52PF  
 CAPACITOR (CORE/CORE): 19PF

## Mechanical

NO OF CONDUCTORS: 4  
 CABLE DIAMETER: 3MM

## Materials

CABLE OUTER: PVC  
 CONDUCTOR: OXYGEN-FREE COPPER  
 PLUG: NICKEL-PLATED BRASS

## Bantam (MAC) Patchcord

## Ordering

### Bantam (MAC) Cords

PATCHCORD ASSY	LENGTH	CABLE COLOUR
MAC	12 = 12"	A = RED
	18 = 18"	O = BLACK
	24 = 24"	F = WHITE
	36 = 36"	D = BLUE
	48 = 48"	B = GREEN

IE: MAC 18 A = 18" RED PATCHCORD ASSY