

What is the direction of Triax and Fiber connections on Camera Systems

Always the same question during installation:

“Which is the right direction to run the cables?”

“Where to put the male, where to put the female connector?”

Every vendor of connector defined himself per connection type the direction where the male and female connection will take place.

Furthermore some Broadcasters defined their own standards of cable direction and sometimes they also use different connectors on each ends of the cable.

This article should give an overview about the “standards” and also the order codes from the connector types provided by Grass Valley.

Please notice:

We only mention the connectors which are specified for the use of “Transmission of signals (...) and power for Broadcast Equipment with use of TRIAX-Cable or SMPTE-Fiber cable”.

Other connectors are not supported and should never be used!

There are more connector types which are not mentioned in this document.

Please get in contact with the individual connector / cable provider for more information.



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TRIA X

TRIA X Adapter connectors



TRIA X BaseStation connectors

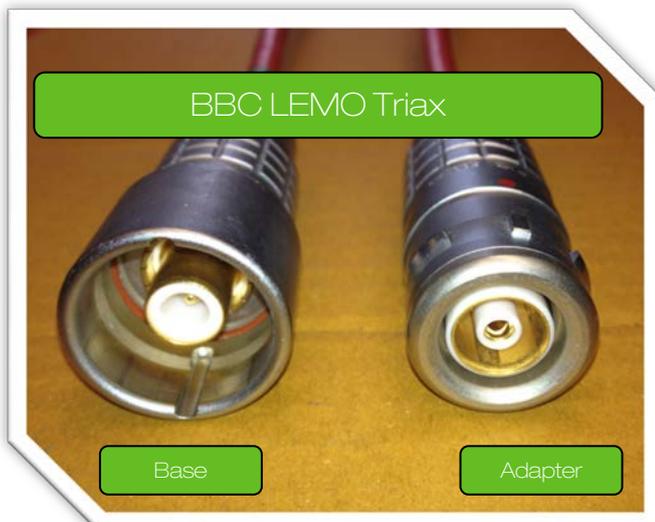
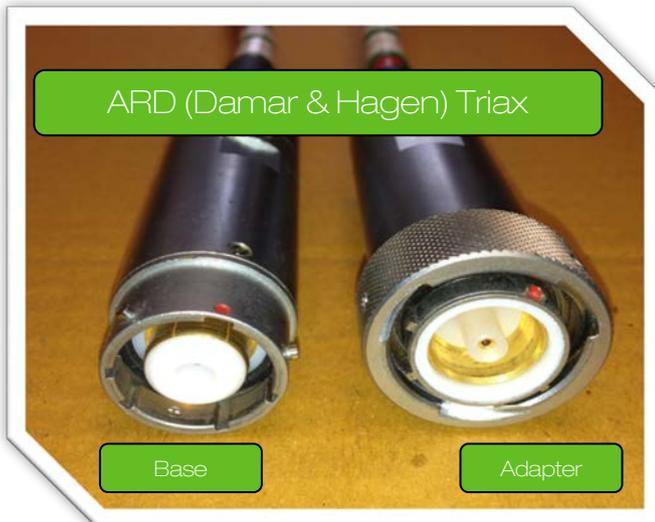
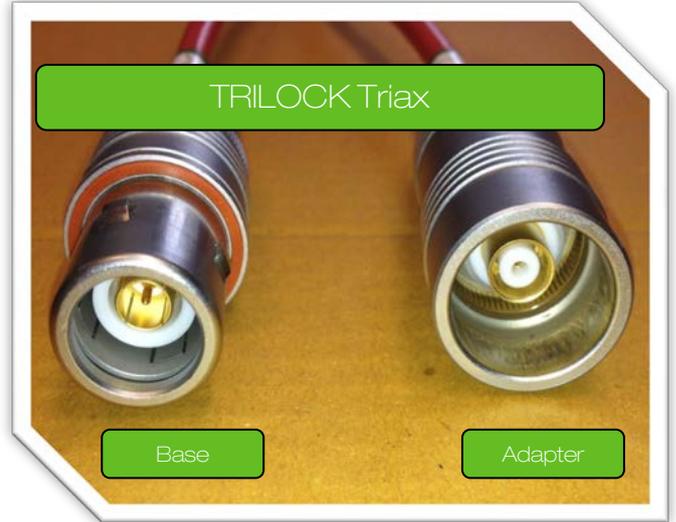


	Connector type	Adapter Connector		Cable		BaseStation Connector		INFO
		gender	Service Order Code	<-----	----->	gender	Service Order Code	
1	FISCHER	female	3922 407 34991	male	female	male	3922 407 30531	
2	TRILOCK	male	3922 407 34971	female	male	female	3922 407 30551	
3	ARD (D&H)	male	3922 407 34981	female	male	female	3922 407 30571	with bajonett-ring and lock pins
4	LEMO 4E	female	3922 407 34961	male	female	male	3922 407 30591	
5	BBC Lemo	male	3922 407 34951	female	male	female	3922 407 30611	with lock pins
6	LEMO 3T	female	3922 407 35001	male	male	female	3922 407 30631	

The “Adapter Connector” is valid for all actual adapter products with rotary triax connector:
 LDK 5417, LDK 5418, LDK 5419, LDK 5430, LDK 5440, LDK 5460, LDK 5462, LDK 5630,
 LDK 5860, LDK 5861



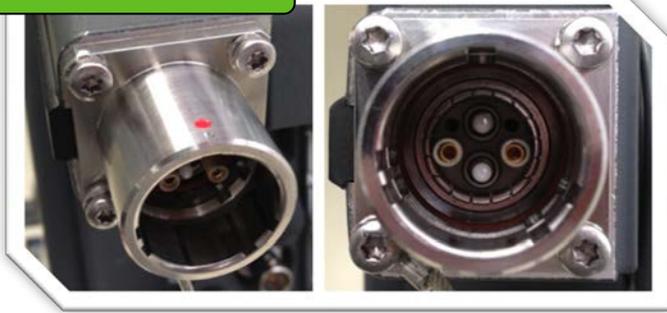
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SMPTE FIBER

Fiber Adapter



BaseStation



Connector type	Adapter Connector		Cable		BaseStation Connector		INFO
	gender	Service Order Code	<-----	----->	gender	Service Order Code	
LEMO	female	3922 407 52433	male	female	male	3922 407 52444	GV standard
FISCHER	female	3922 407 52001	male	female	male	3922 407 52012	
STRATOS	?	3922 407 52021	?	?	?	3922 407 52031	
OSI	hyb	3922 407 54002	hyb	hyb	hyb	3922 407 53982	hermaphrodite connector
TAJIMI	female	3922 407 54051	male	female	male	3922 407 54031	

The “Adapter Connector” is valid for all actual adapter products with rotary fiber connector: LDK 5420, LDK 5421, LDK 5880

Grass Valley provides by default only LEMO Fiber connectors. All other listed connectors are available on request only.

