

Plug Pinout Details

Remote Receiver Driver Mk3			Updated 10-02-04	
D Plug - 15 way				
Pin No.	Function	Comment		
1	Pan Power Drive A	Max 3A motor drive		
2	Pan Power Drive B	Max 3A motor drive		
3	Tilt Power Drive A	Max 3A motor drive		
4	Tilt Power Drive B	Max 3A motor drive		
5	Pan Control o/p (Variable)	Normally centred 5v with...		
6	Pan Return A (Alg or Dig)	Pos n. pot. or encoder return		
7	Pan Return B (Digital)	Encoder ch.B return		
8	GND	GND		
9	Spare			
10	Tilt Control o/p (Variable)	... +/- 5v swing (variable)		
11	Tilt Return A (Alg or Dig)	Pos n. pot. or encoder return		
12	Tilt Return B (Digital)	Encoder ch.B return		
13	RLA o/p (+12v)	Power for camera etc.		
14	Data o/p (TTL)	Data TO camera etc.		
15	Data i/p (TTL)	Data FROM camera etc.		
12 Pin Hirose - Lens drive				
Pin No.	Function	Condition	Colour	PCB pin
1	Focus Control Select	+V=Position Open=On/Off	Black	1
2	Zoom Control Select	+V=Position Open=On/Off	Brown	2
3	GND		Red	6
4	Iris Control Select	0v=Local Open=Camera	Orange	4
5	Iris Control Signal	Com+V=Iris Open	Yellow	9
6	+12v		Green	n/c
7	Com +5v	No-move ref. value	Blue	n/c
8	Focus Control Signal	Com+V=Far	Purple	8
9	Zoom Control Signal	Com+V=Tele	Grey	7
10	Iris Control Select	+V=Position Open=On/Off	White	3
11	COM +V	(Approx 7v)	Pink	5
12	COM -V	(Approx 3v)	Turquoise	n/c
XL R4 - Power & Data				
Pin No.	Function	Comment	Colour	PCB pin
1	GND		Blue	1
2	Data A	RS 485 semi duplex	Green	2
3	Data B	RS 485 semi duplex	Yellow	3
4	+ve	+10Vmin / +30Vmax	Red	4