Click on peripheral for Cable pin-outs

1. Serial Printer - VPE (DPE is different; follows)
2. CGA Monitor (SBC-1,2,3)
3. CGA/VGA Monitor (SBC-1,2,3)
4. VGA Monitor (SBC-4)
5. GVG Ten XL preview switcher
6. GVG Ten XL Preview Preselector
7. GVG Performer preview switcher
8. GVG Performer Preview Preselector
9. Dubner 5K / 10K / 20K character generators
10. Dubner CBG / Texta character generators
11. Dubner Graphics Factory/Presto character generators
12. GVG Presto character generator
13. Digital Graphix TypeDeko character generator (now Pinnacle)
14. Alternate TypeDeko c.g. cable
     - PC COM Port (RS-232 mode)

Serial Printer cable for use with VPE Editing Systems (DPE next page)

Editor 9pin	SIGNAL	Printer 25 Pin
1	Chassis Ground	1
2	RS-232 RX	2
4	Signal Ground	7
6	Signal Ground	7
8	RS-232 TX	3
9	Chassis Ground	1

Note: Editor Printer port set for RS-232 protocol at 1200 baud, 8 data bits, 1 stop bit and no parity. Printer is set up for XON/XOFF protocol.

Serial Printer cable for use with DPE Editing Systems

Editor 9pin	SIGNAL	Printer 25 Pin
1	Chassis Ground	1
2	RS-232 RX	2
4	Signal Ground	7
6	Signal Ground	7
3	RS-232 TX	3
9	Chassis Ground	1

Note: Editor Printer port set for RS-232 protocol at 1200 baud, 8 data bits, 1 stop bit and no parity. Printer is set up for XON/XOFF protocol.

CGA Monitor cable
(SBC-1/2/3)

Editor 9 pin	SIGNAL	CGA 9 pin
1	Red/Blue Ground	1
3	Red	3
2	Green Ground	2
4	Green	4
5	Blue	5
6	Horizontal Ground	6
8	Horizontal	8
7	Vertical Ground	7
9	Vertical	9

CGA-9 to VGA-15 Monitor cable (SBC-1/2/3)

Editor 9 pin male	SIGNAL (twisted pairs)	VGA 15 pin female
1	Red Ground	6
3	Red *	1
2	Green Ground	7
4	Green *	2
5	Blue *	3
7	Blue Ground	8
8	Horizontal Sync	13
9	Vertical Sync	14

(* with 249 ohm 1% ¼ watt resistor)

Some VGA monitors (with 15 pin male D connectors) are able to support horizontal scan rates down to the TTL level of 15.75 KHz. This cable allows direct connection between this type VGA monitor and SBC-1, SBC-2, or SBC-3 (when configured for TTL) VPE systems with CGA monitor output.

VGA Monitor cable
(SBC-4)

Editor 9 pin male	SIGNAL (twisted pairs)	VGA 15 pin female
1	Red	1
6	Red Ground	6
2	Green	2
7	Green Ground	4
3	Blue	3
8	Blue Ground	8
4	Horizontal Sync	13
5	Vertical Sync	14

GVG Ten XL & Performer Preview Switcher and Preselector cable

Editor 9pin	Switcher 25 Pin
2	2
3	14
4	18
7	1
8	15

Dubner 5/10/20k C.G. cable

Editor 9pin	CG 25 Pin
1	2
2	7
3	9
7	6
8	8

Dubner CBG & Texta C.G. cable

Editor 9pin	CG 25 Pin
1	1
2	8
3	6
7	9
8	5

Dubner Graphics Factory/Presto C.G. cable

Editor 9pin	SIGNAL	CG 25 Pin
1	Chassis Ground	1
2	RX+	8
3	TX -	7
4	Signal Ground	4
6	Signal Ground	6
7	RX -	3
8	TX +	2
9	Chassis Ground	9

Digital Graphix TypeDeko C.G. cable

Editor 9 pin	SIGNAL	CG 25 pin
2	Tx-	2
3	Rx+	17
4	Chassis Ground	7
7	Tx+	14
8	Rx-	5

Note: Set the TypeDeko COM port to 9600 baud, 8 bits, NO parity, I stop; Flow Control to NONE.

To connect the TypeDeko's PC's COM port (RS232) to a Grass Valley Editor or Switcher (RS422), you will need a B&B converter, model 422CON, with plug-in power supply.

Alternate TypeDeko C.G. cable

PC COM Port (RS-232 mode)

Some Grass Valley Switchers may be configured to use the same 9-Pin port for RS-232. If yours can be so configured, and you wish to operate this way, the cable is much simpler. Please consult your switcher manual for the correct jumper settings.

TypeDeko 9 pin	SIGNAL	GV switcher 9 pin
2	Rx	2
3	Tx	8
5	Ground	4