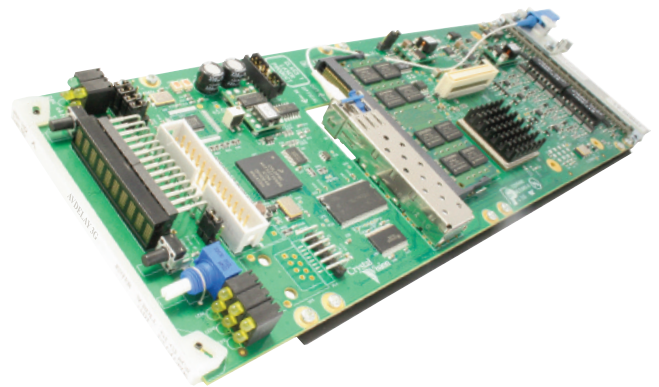


Crystal Vision

AVDELAY 3G

3G/HD/SD audio/video delay



PREVIEW INFORMATION

Audio/video delay designed for correcting large lip-sync errors on incoming 3Gb/s, HD or SD signals containing up to four groups of embedded audio, with the ability to change the relative audio/video timing by several seconds in either direction.

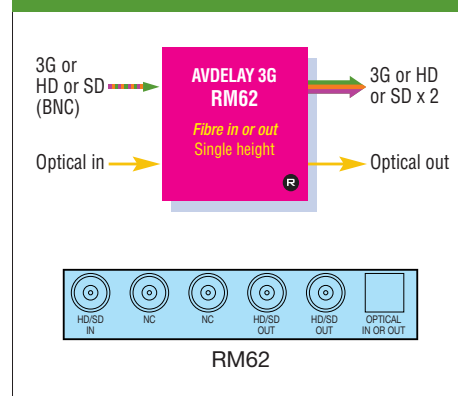
MAIN FEATURES

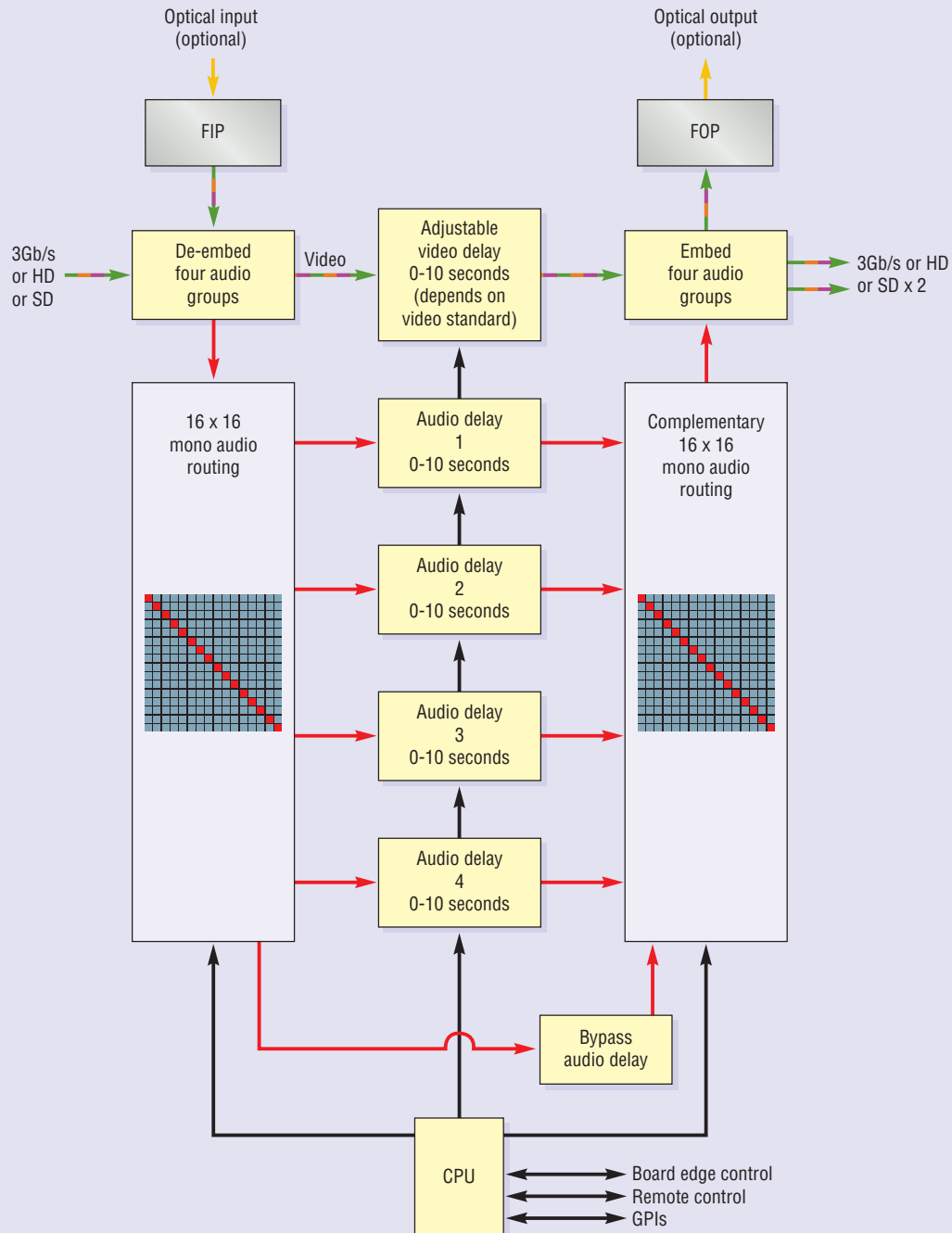
- **Perfect for correcting large lip-sync errors:** the relative audio/video timing can be changed by several seconds in either direction, with independently adjustable video and audio delay
- **Can be used with any sources:** accepts 3Gb/s, HD or SD input
- **Use as many audio groups as you need:** works with up to four groups
- **Connect the outputs to a digital monitor:** and make any adjustments by eye
- **Cope with big differences between the audio and video:** provides up to ten seconds of video delay in SD, five seconds in HD and two seconds in 3Gb/s (depending on video format), along with ten seconds of audio delay
- **Lip-sync can be out in either direction:** if the audio is earlier than the video, you can delay the audio to let the video catch up
- **Delay your audio channels differently:** each mono audio channel can be assigned to any one of four separate audio delay settings, or can bypass the delay completely
- **Flexible adjustments allow you to get the audio and video sync just right:** with the video delay adjustable in seconds and frames, and the four audio delays adjustable in seconds, video frames and milliseconds
- **Sophisticated handling of Dolby E:** the audio delay applied to the Dolby E will be rounded to the nearest time that gives the correct guardband alignment with the outgoing video – and can be assigned to the four audio delay settings in the same way as other audio
- **Rapidly correct lip-sync errors:** the audio will jump instantly to the new delay setting
- **Save time with a useful starting point for making your adjustments:** three default buttons allow all the video and audio delays to be set to 0, 1 or 5 seconds
- **Optional integrated fibre input/output connectivity in a single frame slot:** means you won't be limited by cable lengths
- **Flexible control:** select from board edge, front and remote panels, SNMP, APIs and PC software
- **Saves rack space:** the 100mm x 266mm module fits in Crystal Vision's standard frames and allows 12 AVDELAY 3G in 2U (24 in 4U, six in 1U and two in desk top box)

How much delay do you get?

Video format	Maximum video delay (seconds)	Maximum audio delay (seconds)
625	10.2	10
525	8.5	10
720p50	5.2	10
720p59.94	4.25	10
1080i50	5.2	10
1080i59.94	4.25	10
1080p50	2.5	10
1080p59.94	2.1	10

Rear module connections





ORDERING INFORMATION

AVDELAY 3G	Audio/video delay for 3Gb/s, HD and SD
FIP	Fibre input option for AVDELAY 3G motherboard
FOP	Fibre output option for AVDELAY 3G motherboard
Indigo frames	Available in 4U, 2U, 1U and desk top box sizes and with different levels of control
RM62	Single slot frame rear module. Allows maximum number of boards in frame (24 in 4U, 12 in 2U, six in 1U, two in desk top box). Includes optional fibre input/output connectivity. When using no fibre , gives access to one 3Gb/s, HD or SD input and two 3Gb/s, HD or SD outputs. When using fibre input , allows you to select between one fibre and one electrical 3Gb/s, HD or SD input, and gives access to two 3Gb/s, HD or SD outputs. When using fibre output , gives access to one 3Gb/s, HD or SD input and two 3Gb/s, HD or SD outputs, along with one copy of the output on fibre
REMIND	19" remote control panel
REMIND-E	19" Ethernet remote control panel
Statesman	PC Control System
SNMP	SNMP monitoring and control

Features are subject to change. AVDELAY3G-PROV0911