

MEDIA RELEASE

G.D.B International

For immediate release

Tonga TV use Datavideo vision mixers in live broadcast



In a world first for the [Tonga Broadcasting Commission](#), Datavideo's [SE-800](#) and [SE-500](#) vision mixers have been used to broadcast the most significant event in Tongan history, the state funeral of the king. The funeral of King Taufa'ahau Tupou IV was broadcast live to audiences in Australasia, the Pacific and via CNN and BBC newscasts in Europe, the Americas and Africa.

Working with [TonFon](#) (Pay TV) and [Television New Zealand](#) (TVNZ), the Tonga Broadcasting Commission used the [Datavideo](#) vision mixers, two audio mixers and ten Sony Betacam SP, Sony DV-CAM and Hitachi Z-ONE cameras. TVNZ provided microwave links from three locations including the Royal Palace, the Church of Tonga and the Royal Tomb. TVNZ also provided the satellite uplink to New Zealand.

Sioeli Tohi, Chief Engineer at the Tonga Broadcasting Commission said the broadcast was a success thanks to the Datavideo [SE-800](#) and [SE-500](#) vision mixers. *"These mixers are perfect for live broadcasts in small countries such as Tonga. We could not have done a successful broadcast without them"*.

Designed for television and live event customers, the four channel digital / analogue [SE-800](#) vision mixer can mix SDI, Component, DV, S-Video and Composite video streams simultaneously. The SE-800 is the ideal for multi-camera television production, live events and conferences.

The [SE-500](#) Vision Mixer has been designed for school and live events customers. The four channel analogue vision switcher can mix Composite and S-Video simultaneously and offers two microphone inputs, colour correction, digital video transition effects, a MIDI control interface and RS-232 remote control.

For further information, please contact David Cooper:

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SE-800 Technical Specifications



(TLM-404 Monitor and the 800Holder accessory sold separately)

Video Input Formats	1 x SDI Overlay functions (BNC) 4 x Component [YUV, Y/B-Y/R-Y] (BNC x 3) 4 x DV (6-pin IEEE-1394/iLink/FireWire) 4 x S-Video [Y/C] (4-pin Mini Din) 4 x Composite Video (BNC)	
Video Output Formats	1 x SDI (BNC) 1 x Component [YUV, Y/B-Y/R-Y] (BNC x 3) 1 x DV (6-pin IEEE-1394, iLink, FireWire) 1 x S-Video [Y/C] (4-pin Mini Din) 1 x Composite Video (BNC) 1 x Black Burst (BNC)	
Audio Input Formats	1 x Stereo Balanced Audio (Canon XLR) via the Datavideo BAC-03 Audio Converter (<i>sold sep.</i>) 4 x Stereo Unbalanced Audio (RCA x 2 each) 2 x Auxiliary Stereo Unbalanced Audio (RCA x 2 each) 4 x DV Audio via IEEE-1394 (FireWire) 2 x Microphone (6.5mm)	
Audio Output Formats	1 x Stereo Balanced Audio (Canon XLR) via the Datavideo BAC-03 Audio Converter (<i>sold sep.</i>) 2 x Stereo Unbalanced Audio (RCA x 2 each) 1 x DV Audio via IEEE-1394 (FireWire) 1 x Stereo headphones for monitoring (6.5mm stereo)	
Power Supply	Input	AC 90 To 240V auto-sensing
	Output	DC 15V/50W
Dimensions	Width	430mm
	Depth	420mm
	Height	120mm
Weight	5.5 kg	
Accessories	1 x AC/DC Power Adapter 1 x Aluminium Road Case 1 x 1.8M IEEE1394 FireWire 6 to 6 Cable 1 x 1.8M IEEE1394 FireWire 6 to 4 Cable 2 x S-Video (Y/C) Cable 2 x Audio/Video (RCA) cables 1 x Instruction Manual and Demo CD	
All Components	C-Tick, FCC and EC approved	
Available From	www.gdbint.com.au	

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SE-500 Technical Specifications



Video Input Formats	<ul style="list-style-type: none"> ▪ 4 x S-Video [Y/C] (4-pin mini din) ▪ 4 x Composite Video (BNC) 						
Video Output Formats	<ul style="list-style-type: none"> ▪ 1 x Component [YUV, Y/B-Y/R-Y] (BNC x 3) – shared with S-Video output ▪ 1 x S-Video [Y/C] (4-pin Mini Din) ▪ 1 x Composite Video (BNC) ▪ 1 x Quad Preview Composite (BNC) 						
Audio Inputs Formats	<ul style="list-style-type: none"> ▪ 1 x Auxiliary Stereo Unbalanced Audio (RCA x 2) ▪ 2 x Microphone (6.5mm jack) 						
Audio Output Formats	<ul style="list-style-type: none"> ▪ 1 x Stereo Unbalanced Audio (RCA x 2) 						
Control	<ul style="list-style-type: none"> ▪ RS-232 control ▪ MIDI control interface 						
Power Supply	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Input</td> <td>AC 90 To 240V auto-sensing</td> </tr> <tr> <td>Output</td> <td>DC 15V/15W</td> </tr> </table>	Input	AC 90 To 240V auto-sensing	Output	DC 15V/15W		
	Input	AC 90 To 240V auto-sensing					
Output	DC 15V/15W						
Dimensions	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Width</td> <td>430mm</td> </tr> <tr> <td>Depth</td> <td>420mm</td> </tr> <tr> <td>Height</td> <td>120mm</td> </tr> </table>	Width	430mm	Depth	420mm	Height	120mm
	Width	430mm					
	Depth	420mm					
Height	120mm						
Weight	<ul style="list-style-type: none"> ▪ 2.1 kg 						
Accessories	<ul style="list-style-type: none"> ▪ 1 x AC/DC Power Adapter ▪ 2 x cables (BNC) ▪ Component cable (YUV) ▪ 2 x S-Video (Y/C) Cable ▪ 1 x Audio / Video RCA cable ▪ 1 x Instruction Manual 						
All Components	<ul style="list-style-type: none"> ▪ C-Tick, FCC and EC approved 						
Available From	<ul style="list-style-type: none"> ▪ www.gdbint.com.au 						