

Appendix 5
Interface Inventory for Audio Plane

From #	To #	From Name	To Name	Interface Name	Comments
57, 62, 67	24	HDTV Demuxes	SD Router	AES3-1994 (XLR) AES3-ID (BNC)	
6, 10, 12, 14	24	Audio Decoder (metadata)	SD Router	Not defined (RS 485 / 422 ??)	
53, 59, 64, 69	70	Audio Decoder (metadata)	HD Router	Not defined (RS 485 / 422 ??)	
24	35	SD Router	AC-3 Encoder	Not defined (RS 485 / 422 ??)	
70	80	HD Router	AC-3 Encoder	Not defined (RS 485 / 422 ??)	
24	A1	SD Router	Audio Decoder	AES3-1994 (XLR) AES3-ID (BNC)	
A1	24	Audio Decoder	SD Router	AES3-1994 (XLR) AES3-ID (BNC)	
A1	24	Audio Decoder (metadata)	SD Router	Not defined (RS 485 / 422 ??)	
24	A2	SD Router	Audio Encoder	AES3-1994 (XLR) AES3-ID (BNC)	
24	A2	SD Router	Audio Encoder (metadata)	Not defined (RS 485 / 422 ??)	
A2	24	Audio Encoder	SD Router	AES3-1994 (XLR) AES3-ID (BNC)	
24	A3	SD Router	Audio / SDI Mux (Embedder)	AES3-1994 (XLR) AES3-ID (BNC)	
A3	24	Audio / SDI Mux (Embedder)	SD Router	SMPTE 259M	
24	A4	SD Router	Audio / SDI Demux (Disembedder)	SMPTE 259M	
A4	24	Audio / SDI Demux (Disembedder)	SD Router	AES3-1994 (XLR) AES3-ID (BNC)	
24	A5	SD Router	Metadata Authoring process	Not defined (RS 485 / 422 ??)	
A5	24	Metadata Authoring process	SD Router	Not defined (RS 485 / 422 ??)	
24	A6	SD Router	Utility Domestic Receiver Emulator	AES3-1994 (XLR) AES3-ID (BNC) Analog audio (XLR)	
24	A6	SD Router	Utility Domestic Receiver Emulator	Not defined (RS 485 / 422 ??)	
A6	24	Utility Domestic Receiver Emulator	SD Router	AES3-1994 (XLR) AES3-ID (BNC) Analog audio (XLR)	
A6	24	Utility Domestic Receiver Emulator	SD Router	Not defined (RS 485 / 422 ??)	
70	A7	HD Router	Audio Decoder	AES3-1994 (XLR) AES3-ID (BNC)	rate reduced audio
A7	70	Audio Decoder	HD Router	AES3-1994 (XLR) AES3-ID (BNC)	3 or 4 digital audio pairs

From #	To #	From Name	To Name	Interface Name	Comments
A7	70	Audio Decoder (metadata)	HD Router	Not defined (RS 485 / 422 ??)	metadata
70	A8	HD Router	Audio Encoder	AES3-1994 (XLR) AES3-ID (BNC)	3 or 4 digital audio pairs
70	A8	HD Router	Audio Encoder (metadata)	Not defined (RS 485 / 422 ??)	Metadata
A8	70	Audio Encoder	HD Router	AES3-1994 (XLR) AES3-ID (BNC)	rate reduced audio
70	A9	HD Router	Audio / SDI Mux (Embedder)	AES3-1994 (XLR) AES3-ID (BNC)	1 or 2 digital audio pairs
A9	70	Audio / SDI Mux (Embedder)	HD Router	SMPTE 259M	Serial digital video w/ audio
70	A10	HD Router	Audio / SDI Demux (Disembedder)	SMPTE 259M	Serial digital video w/ audio
A10	70	Audio / SDI Demux (Disembedder)	HD Router	AES3-1994 (XLR) AES3-ID (BNC)	1 or 2 digital audio pairs
70	A11	HD Router	Metadata Authoring process	Not defined (RS 485 / 422 ??)	Metadata
A11	70	Metadata Authoring process	HD Router	Not defined (RS 485 / 422 ??)	Metadata
70	A12	HD Router	Utility Domestic Receiver Emulator	AES3-1994 (XLR) AES3-ID (BNC) Analog audio (XLR)	Up to 6 audio channels
70	A12	HD Router	Utility Domestic Receiver Emulator	Not defined (RS 485 / 422 ??)	Metadata
A12	70	Utility Domestic Receiver Emulator	HD Router	AES3-1994 (XLR) AES3-ID (BNC) Analog audio (XLR)	Up to 6 audio channels
A12	70	Utility Domestic Receiver Emulator	HD Router	Not defined (RS 485 / 422 ??)	Metadata