Custom Theater Products

InstaMusician™ A-V Panel

AUDIO CABLE **UTP CABLE** **TYPICAL USE DIAGRAM** RG6 or RG59 coax cable
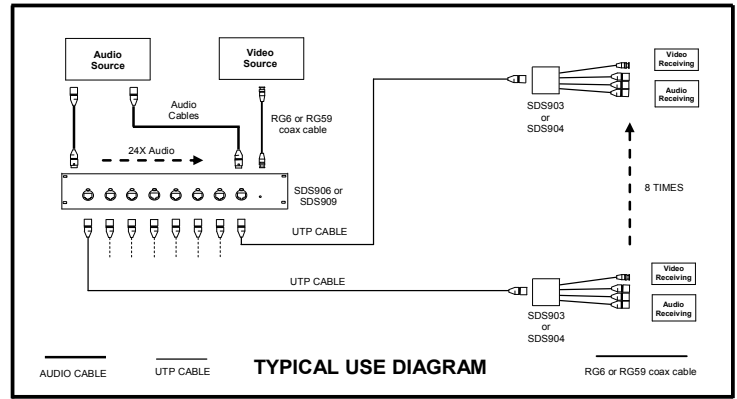
Features/Advantages	Description	Applications
• Transmits both audio and video over UTP cable. • Reduced weight and cost. • Superior signal balances, reduces crosstalk, ingress and ghosting. • Utilize existing telecom wiring • LED display for power on/off. • All connectors are high-quality Neutrik brand. • Meets FCC Class A standards • Rugged metal enclosure, 2 RU high, easy rack - mounted. • Made in USA • 100% tested	The ETS **I**nstaMusician™ Panel (SDS906 & SDS909) enables both audio and composite video signals to be sent over a single Cat5 or better cable instead of costly coax and microphone cables. The InstaMusician Panel (SDS906) is a 2-rack unit high panel featuring (24) male XLRs for audio, (2) female BNCs for Video In and Video Out, (2) powerCon connectors on the back and (8) etherCon RJ45 jacks on the front. ETS designed this panel for theater orchestras simultaneous listening and viewing; hence no more missed cues. The use of these panels in this application is highly cost effective, easily, neatly and quickly installed. In addition, the UTP cable replaces more costly and heavier cables. Installation and testing are a snap. The InstaMusician Panel accepts 'mic' level, line-level, analog or digital audio signals and supports phantom power when using shielded Cat5e or Cat6 cables. This unit has a built in video amplifier, with a single unbalanced video input that will distribute to (8) balanced video outputs. Also, a special feature for the InstaMusician panel is that it allows the installer to daisy-chain the video output and the power source to the other unit. Fewer power outlets and cables are used. By using the passive ETS SDS903 and SDS904 units, one is able to convert both audio and video signals to and from the UTP cables. For signal stability, carrier PN:NE8MC-1 is recommended.	• Theater orchestras • Churches • Schools • Classrooms • Auditoriums • Live theaters • Touring productions

Specifications

Video:

Support	NTSC, PAL, SECAM, or CCTV
Video In	Unbalanced signal, 75 ohm FBNC
Video Out	(8) balanced signal, etherCon RJ45 jack, pins 7&8
Video Out	Unbalanced signal, 75 ohm FBNC
Power Source	120Vac, 60Hz (IN) Blue Power Conn 120Vac, 60Hz (OUT) Gray Power Conn
Media	Category 5e or better UTP cable is recommended
Dimensions	2RU x 136mm deep
Weight	0.83Kg

Audio:

Crosstalk	@ 20KHz	-109dB between Ch 1 and Ch 2
		-103dB between Ch 1 and Ch 3
		-106dB between Ch 2 and Ch 3
Audio In	XLR connector	
Audio Out	etherCon RJ45 jack	Channel x - 1, pins 5&4
		Channel x - 2, pins 1&2
		Channel x - 3, pins 3&6

Accessories: (1) Power Cord; (4) Mounting Screws

Product Ordering Information

SDS906	InstaMusician Panel, (24) MXLR + (2)FBNC to (8) etherCon RJ45
SDS909	InstaMusician Panel, (24) FXLR +(2) FBNC to (8) etherCon RJ45

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