

DCT-18NN

Analog Stereo Lip Sync Corrector



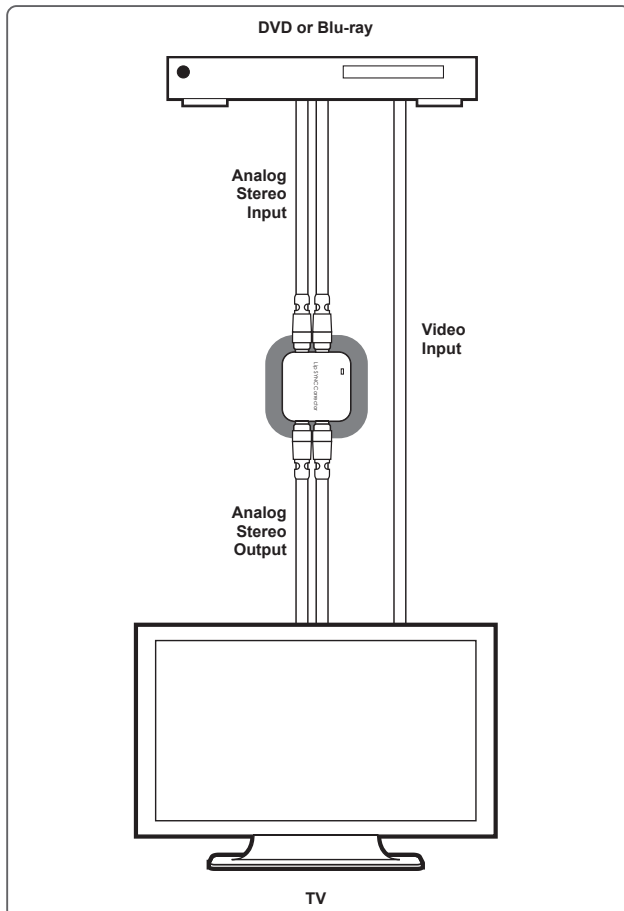
The Analog Stereo Lip Sync Corrector is a compact audio delay processor designed to compensate for audio-video synchronization errors in AV distribution systems. When video signals are transmitted over long distances or pass through multiple processing devices—such as distribution amplifiers, converters, or set-top boxes—latency may be introduced in the video path, resulting in audio leading the video.

This device provides an adjustable analog stereo audio delay ranging from 0 to 300 ms, allowing precise manual synchronization between audio and video signals. By compensating for system-induced latency, the unit ensures accurate lip synchronization and eliminates noticeable AV timing mismatches.

PANELS



DIAGRAM



FEATURES

- Supports direct analog-to-analog signal bypass without processing
- Provides 8 selectable delay steps for precise audio timing control
- Efficient low-power operation

SPECIFICATIONS

Interfaces	
Input Port	1 ×Stereo (RCA)
Output Port	1 ×Stereo (RCA)
Audio	
Input Signal Types	Analog, Unbalanced Stereo
Output Signal Types	Analog, Unbalanced Stereo
Max Input Level	2Vrms
Max Output Level	2Vrms
THD+N	< 0.01%@20Hz – 20kHz
SNR	> 80dB@0dBFS
Frequency Response	< ±1dB@20Hz – 20kHz
Crosstalk	< -80dB@10kHz
Power	
Power Supply	5V/1.2A DC
Power Consumption	0.3W
Enclosure	
Chassis Material	Plastic
Chassis Color	White
Dimensions(W×H×D)	46mm×45.5mm×23.55mm [Case Only] 55.57mm×47mm×23.55mm [All Inclusive]
Weight	32g

ORDERING INFORMATION

Model No.	Product Description
DCT-18NN	Analog Stereo Lip Sync Corrector