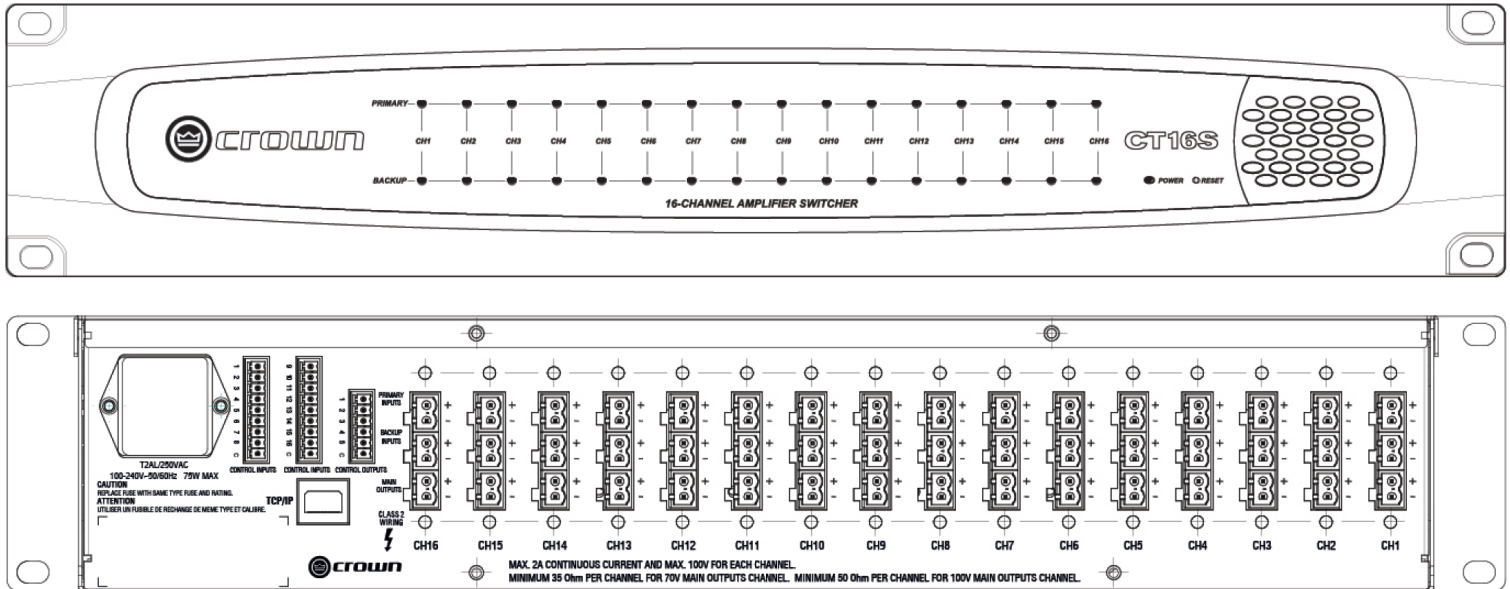


IDX Amplifier Switcher CT16S



OVERVIEW:

The CT16S Amplifier Switcher has 16 primary amplifier inputs, 16 backup amplifier inputs, and 16 loudspeaker outputs.

The CT16S can be used to offer 8:1 amplifier backup or 1:1 amplifier backup.

8:1 backup offers 1 backup amplifier channel per 8 primary amplifier channels. 1:1 backup offers a backup amplifier channel per primary amplifier channel.

The PDC-100 monitors the CT16S and, in the event that a primary amplifier channel failure is detected, the PDC-100 instructs the CT16S to switch to the appropriate idle backup amplifier channel.

In the case of 8:1 backup, the PDC-100 ensures that the correct audio signal is routed to the backup amplifier channel via the PDP-DSP. In the case of 1:1 backup, the correct audio signal is already routed to the backup amplifier channels via the PDP-BOB devices. After the failure is corrected, the PDC-100 instructs the CT16S to switch the channel back to the primary amplifier channel.

The CT16S can be connected to the Hi-Z (70V / 100V) outputs of the amplifiers and is capable of handling 2A of continuous current or 1000W per channel of audio signal.

KEY FEATURES:

- 16 Primary Amplifier Inputs
- 16 Backup Amplifier Inputs
- 16 Loudspeaker Outputs
- 8:1 or 1:1 Backup Operation
- Monitoring and Control by PDC-100 Controller
- Automatic Switching of Failed Primary Amplifier Channel to Idle Backup Amplifier Channel
- Hi-Z (70V / 100V) Capability
- 2A of Continuous Current or 1000W per Channel of Audio Signal Capability



CT16S Amplifier Switcher

TECHNICAL SPECIFICATIONS:

Power:	100-240 V AC 50/60 Hz, 2 amps 75W max
Switching Capacity:	Max.2A continuous current and Max.100V for each channel
Operating Temperature:	0 (32) to 40 (104) degrees C (degrees F) at 95% relative humidity (non-condensing)
Dimensions (H x W x D):	3.5" X 19" X 10" / 88mm X 482mm X 256.2mm
Net Weight:	10 lbs/4.5 Kg