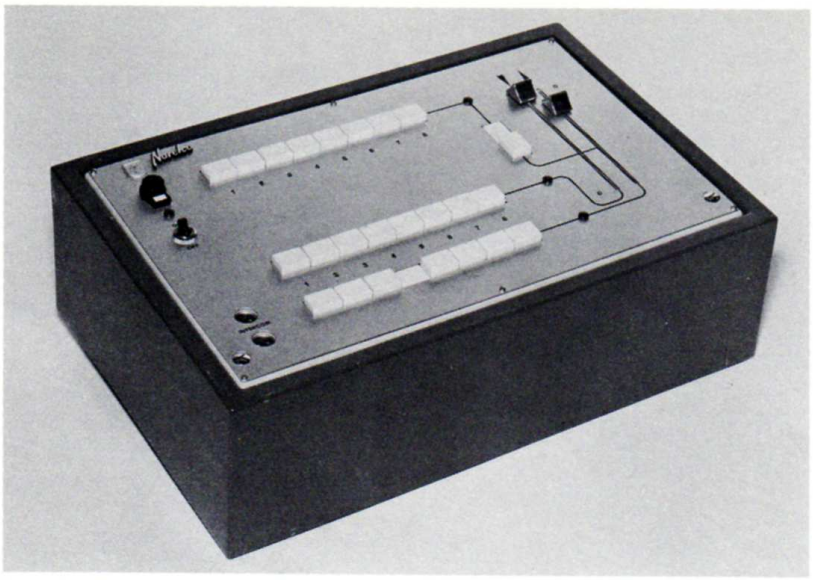
Norelco®

VIDEO SWITCHER-FADER
Type EL-8255



The Norelco EL 8255 Video Switcher-Fader is a transistorized unit for cutting and cross-fading between video signal sources, as well as for previewing a signal source. It is intended for use in small television studios and in closed circuit television systems.

Up to eight video signals, composite or non-composite, can be fed to the mixer inputs, which are terminated with 75Ω. Selection, fading, mixing and switching of the video signals is effected by means of three rows of eight push-buttons, two sliding faders and a program transfer switch. The control panel also provides "on-air" cues.

The top row of push-buttons is the preview channel, permitting the input signals to be monitored without influencing the outgoing signal. This channel can, however, be directly switched to the outgoing line; it is then possible to use the other two rows of push-buttons for studio work, e.g. for previewing rehearsals during transmission. A built-in intercom system provides simultaneous talk-back facilities from the mixer to up to eight cameras and camera control units.

ORDERING INFORMATION

Part No.	Description
782551	Norelco Switcher-Fader Type EL-8255

SPECIFICATIONS

System: 525 lines, 60 fields/s
625 lines, 50 fields/s
405 lines, 50 fields/s

Input Signals: 8 composite video and sync, 1.4 Vpp, or 8 non-composite video, 1 Vpp across, 75Ω (bridged inputs).

Pulse Input: 4 V p-p, negative going, H drive, V drive, Blanking, Sync, bridged.

Output Signals, line: 1.4 Vpp composite video (across 75Ω).

Output Signals, preview: 1.4 Vpp composite video (across 75Ω).

Composite amplitude can also be adjusted to 1 Vpp by changing a resistance value.

Frequency response: 10 MHz + 1 db.

Crosstalk Attenuation: 45 db at 1 MHz. 43 db at 5 MHz

Tilt on 60 Hz square wave: less than 2% hum and noise (relative to 1 V): 43 db.

Power Supply: 110, 117, 220, or 234 V ± 10%; 50 or 60 Hz.

Power consumption: 11 W.

Dimensions: Height, 4.9 in.; Width, 16.8 in.; Depth, 10.8 in.

Weight: 20 pounds, 14 ounces.

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