



SOUND SOLUTIONS FROM LIGHT TECHNOLOGY

EOU 100



Single Channel EOU 100 is extremely compact. It features a pair of ST fiber optic connectors; a 3.5 mm socket for analog output; green LED voltage indicator. Unit uses external DC power only.

EOU 200 / 250 / 275



Single Channel EOU 200 features two analog outputs (one with volume control for headphones, another with fixed gain for monitor equipment); one pair of ST fiber optic connectors; two 3.5 mm sockets (one for analog output, another for headphones); green/red LED voltage indicator. **EOU 250** adds a DSP for up to 22 dB of real-time ambient noise removal (three levels: low, mid, high). **EOU 275** includes DSP as well as 16-bit uncompressed SD Flash memory card recorder.

EOU 300 / 350 / 375



Dual Channel EOU 300 supports monitoring with two sensors simultaneously. It features two pairs of ST fiber optic connectors; two 3.5 mm stereo sockets (one for analog output, another for headphones); dual volume control knobs; green/red LED voltage indicator. **EOU 350** adds a DSP for up to 22 dB of real-time ambient noise removal (three levels: low, mid, high). **EOU 375** includes DSP as well as 16-bit uncompressed SD Flash memory card recorder.

Indoor EOU Models - OPTIMIC FAMILY

Single and Dual Channel; DSP-Based and Built-In Flash Recorder Options

Our compact indoor electro-optical unit (EOU) series provides regular analog signals for high performance recording, monitoring and analyzing equipment. Optoacoustics manufactures a complete line to suit every application.

Each of our EOU units is designed to drive its designated OPTIMIC fiber optic microphones at consistent, peak performance.

INDOOR EOU SERIES TECHNICAL SPECIFICATIONS

EOU Model	100	200	250/275	300	350/375
Signal Output [V p-p]	5	5 / 9	5 / 9	5 / 9	5 / 9
Battery Type	None	9V	9V	4 x AA	4 x AA
Power Supply [V]	8-15	8-15	8-15	8-15	8-15
Power Consumption [mA]	80	70	120	130	130
Power Supply Connector	3.5 mm	3.5 mm	3.5 mm	3.5 mm	3.5 mm
Headphone Output	None	Mono	Mono	Stereo	Stereo
Line Output	Yes	Yes	Yes	Yes	Yes
Adjustable Gain Range [dB]	None	45	45	45	45
DSP Latency, 16 kHz Sampling	None	None	32 msec	None	32 msec
Flash Recorder Built-In	None	None	on 275	None	on 375
Micro SD Flash Sampling Rate	N/A	N/A	44.1 kHz	N/A	44.1 kHz
Operating Temperature	-20 to +60 °C (-4 to +140 °F)				
EOU Box					
Material	Zinc Alloy		Anodized Aluminum		
Weight [g]	75	210	230	330	330
Dimensions [mm]	W 45	W 67	W 67	W 86	W 86
	D 65	D 110	D 110	D 175	D 175
	H 16	H 27	H 27	H 28	H 28
Optical Connector Type	ST	ST	ST	ST	ST
Line Out Connector	3.5 mm	3.5 mm	3.5 mm	3.5 mm	3.5 mm
Audio Out Connector	BNC	BNC	BNC	BNC	BNC