OPTICAL ND/IRND, BOOM SAFETY, ONLINE PURE SINE UPS & 3-2-1 XXHASH64 CARD

Norms Studio Equipment
Hollywood, California, USA · Est. 1962
https://www.normsstudio.equipment/gripedia/academy/dit-and-video-village

SYSTEM / STANDARD	OPTICAL / ELECTRICAL SPEC	ATTENUATION / LIMIT	MANDATORY FIELD SAFETY RULE
ND 0.3 / 0.6 / 0.9	50.1% / 25.1% / 12.6%	-1 / -2 / -3 EV	T=10^-D · Transition to IRND >= 1.2 (>700nm NIR cut)
ND 1.2 / 1.5 / 1.8	6.3% / 3.2% / 1.6%	-4 / -5 / -6 EV	FSND / IRND glass required to stop dark brown/magenta tint
Rota-Pola / Diopter	Polarizer / +1, +2 lens	-1.5 to -2 EV / 0 EV	Diopter f_max = 1000mm/P (+1 = 1.0m, +2 = 0.5m); 'Got it!' swap
DIT Online UPS	0 ms Pure Sine (<3% THD)	Runtime = V*Ah*0.85*60/W	Never standby 6-12ms UPS; 12G-SDI tac-fiber >100ft / Isolator
3-2-1 xxHash64 / SPL	23.976 vs 24.000 = 3.6s/hr	NIOSH 85 dBA (3dB rate)	100 dBA rain/wind = 15m cap; flag boom shadows on C-Stand

Chain of Custody & Audio Discipline: Re-jam SMPTE ST 12-1 Lockits at call & post-lunch · Keep cards in sealed DO NOT FORMAT pouches until 3 copies (2 distinct drives + 1 wrap shuttle) pass xxHash64 · Never drape heavy Sound Blankets over extended C-Stand gobo arms (clamp onto Combo T-Bars).