

Specifications — YCS SW6 MX Y/C Separator Switcher

Video

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|-----------------|-------------------|
| Gain | Unity |
| Bandwidth | 30 MHz (-3 dB) |
| Crosstalk | -60 dB @ 3.58 MHz |

Video input

| | |
|------------------------------|---|
| Number/signal type | 6 composite video, 4 of which can be configured as S-video; NTSC/PAL selectable |
| Connectors | 6 female BNC female 4 female 4-pin mini-DIN |
| Nominal level | 1 V _{p-p} for Y of S-video, and for composite video 0.3 V _{p-p} for C of S-video |
| Minimum/maximum levels | 0.4 V to 2.0 V _{p-p} for Y of S-video and for composite video |
| Impedance | 75 ohms |
| Return loss | <-30 dB @ 5 MHz |
| Input coupling | AC |

Video output

| | |
|------------------------------|---|
| Number/signal type | 1 S-video and composite video, NTSC/PAL, follows input |
| Connectors | 1 BNC female (1) 4-pin mini-DIN female |
| Nominal level | 1 V _{p-p} for Y of S-video, and for composite video 0.3 V _{p-p} for C of S-video |
| Minimum/maximum levels | Analog: 0.3 V to 1.5 V _{p-p} |
| Impedance | 75 ohms |
| Return loss | <-30 dB @ 5 MHz |
| DC offset | ±5 mV maximum with input at 0 offset |
| Switching type | Vertical interval |

Sync

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|-----------------|-----------|
| Standards | NTSC, PAL |
|-----------------|-----------|

Control/remote — Y/C separator/switcher

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|------------------------------------|---|
| Serial control port | RS-232, 9-pin D female connector |
| Baud rate and protocol | 9600 baud, 8 data bits, 1 stop bit, no parity |
| Serial control pin configurations | 2 = TX, 3 = RX, 5 = GND |
| Contact closure | 9-pin D female connector, shared with RS-232 |
| Contact closure pin configurations | 1 = input 1, 4 = input 2, 5 = GND, 6 = input 3, 7 = input 4, 8 = input 5, 9 = input 6 |
| IR controller module | Extron IR 102 kit (optional) |
| Program control | Extron's control/configuration program for Windows® Extron's Simple Instruction Set (SIS™) |

General

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|----------------------------|--|
| Power | 100 VAC to 240 VAC, 50/60 Hz, 12 watts, internal, autoswitchable |
| Temperature/humidity | Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing |
| Rack mount | Yes, with optional rack shelf, part #60-190-01 |
| Enclosure type | Metal |
| Enclosure dimensions | 1.75" H x 8.7" W x 9.5" D (1U high, half rack wide) 4.4 cm H x 22.1 cm W x 24.1 cm D (Depth excludes connectors.) |
| Product weight | 2.8 lbs (1.3 kg) |
| Shipping weight | 5 lbs (3 kg) |

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|-------------------|--|
| Vibration | ISTA 1A in carton (International Safe Transit Association) |
| Listings | UL, CUL |
| Compliances | CE, FCC Class A |
| Warranty | 3 years parts and labor |

NOTE *All nominal levels are at $\pm 10\%$.*

NOTE *Specifications are subject to change without notice.*

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