

# Specifications — Lancia $\chi$ i Line Doubler

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## Video input

|                              |   |
|------------------------------|---|
| Number/signal type .....     | 1 S-video, 1 composite video  |
| Connectors .....             | 1 4-pin mini-DIN female ..... S-video<br>1 BNC female ..... composite video |
| Minimum/maximum levels ..... | 0V to 2.0V p-p with no offset   |
| Impedance .....              | 75 ohms   |
| Return loss .....            | -30dB @ 5 MHz   |

## Video output

|                              |   |
|------------------------------|---|
| Number/signal type .....     | 1 RGBHV (non-interlaced)                  |
| Connectors .....             | 5 BNC female                              |
| Minimum/maximum levels ..... | 0V to 0.7V p-p                            |
| Impedance .....              | 75 ohms                                   |
| Return loss .....            | -30dB @ 5 MHz                             |
| DC offset .....              | $\pm$ 0.1V maximum with input at 0 offset |

## Sync

|                                   |  |
|-----------------------------------|--|
| Output type .....                 | RGBHV, RGBS, RGsB  |
| Standards .....                   | NTSC 3.58, NTSC 4.43, PAL, SECAM   |
| Output level .....                | TTL ..... 4.0V to 5.0V p-p   |
| Output impedance .....            | 75 ohms  |
| Horizontal output frequency ..... | NTSC 3.58/4.43 ..... 31.5 kHz<br>PAL/SECAM ..... 31.25 kHz                                   |
| Vertical output frequency* .....  | NTSC 3.58/4.43 ..... 60 Hz*<br>PAL/SECAM ..... 50 Hz*  |
|                                   | <i>*When VGA mode is active, vertical frequency is forced to 60 Hz with any video input.</i> |
| Polarity .....                    | H & V ..... positive or negative (DIP switch-selectable)<br>Composite sync ..... negative    |

## Control/remote — line doubler

|  |  |
|--|--|
| Serial control port .....              | RS-232 9-pin female D connector  |
| Baud rate and protocol .....           | 9600, 8-bit, 1 stop bit, no parity   |
| Serial control pin configurations .... | 2 = TX, 3 = RX, 5 = GND  |
| Contact closure .....                  | 9-pin female D connector   |
| Program control .....                  | Extron's control program for Windows®<br>Extron's Simple Instruction Set™ – SIS™ |

## General

|                            |  |
|----------------------------|--|
| Power .....                | 100VAC to 240VAC, 50/60 Hz, 15 watts, internal, auto-switchable  |
| Temperature/humidity ..... | Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing<br>Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing |
| Rack mount .....           | Yes, with optional 1U rack shelf, part #60-190-01  |
| Enclosure type .....       | Metal  |
| Enclosure dimensions ..... | 1.75" H x 8.75" W x 9.4" D (1U high, 1/2 rack width)<br>4.4 cm H x 22.2 cm W x 23.9 cm D<br>(Depth excludes connectors and knobs.)         |
| Product weight .....       | 3.0 lbs (1.4 kg)   |
| Shipping weight .....      | 6 lbs (2.7 kg)   |
| Vibration .....            | ISTA/NSTA 1A in carton (International Safe Transit Association)  |
| Listings .....             | UL, CUL  |
| Compliances .....          | CE   |
| MTBF .....                 | 30,000 hours   |
| Warranty .....             | 3 years parts and labor  |

**NOTE** Specifications are subject to change without notice.

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