



LRD41A11 Series Receiver

COAXITRON® COMPATIBLE, FOR LEGACY® SYSTEMS

Product Features

- Fixed Speed Only
- Coaxitron® Compatible
- Adjustable Lens Voltages (6 to 10 VDC)
- Selectable Camera Power
- Control Without Video
- Gen Lock Accessibility
- Transient Suppression
- Auto/Random Scan
- NTSC or PAL Video
- Test Local Control Capability
- For Use with Legacy® LWM41 Wall Mount



LEGACY WALL MOUNT WITH INTEGRAL RECEIVER

The **LRD41A11 Series** are Legacy® system fixed speed receivers available in 24, 120 or 230 VAC models to fit your application needs.

Standard features include pan/tilt control, camera power, zoom lens control (zoom, iris, and focus), wiper control, and auto/manual scan.

The **LRD41A11 Series** receiver is designed for use with our LWM41 wall mount and is compatible with fixed speed Legacy pan/tilt models PT780P, PT780SL, PT780-24P, and PT780-24SL.

The **LRD41A11 Series** receiver is compatible with Coaxitron® control systems utilizing the standard 15-bit command protocol. These include the MX4000, MPT9000, MPT9500, CM6700, CM6800, CM9500, CM9740, and CM9760. (The CM9740 and CM9760 are interfaced using the CM9760-CXT Coaxitron Translator.)

For preset or variable speed capability, see LRD41C21 or LRD41C22 Series receivers.

Also available is the test local control (LRD41TLC) module which allows on-site testing of Legacy system functions. Just plug the TLC module into the connector on the receiver and you're ready to test the system's functions. The TLC module operates on +5 VDC supplied by the receiver and controls these functions: iris open/iris close, focus near/focus far, zoom telephoto/zoom wide, tilt up/tilt down, and pan left/pan right.



LEGACY LRD41A11 RECEIVER SHOWN WITH LRD41TLC TEST LOCAL CONTROL



DataFAX
SPEC: 2553
MANUAL: 25536

C553 / REVISED 10-03



TECHNICAL SPECIFICATIONS

MODELS

LRD41A11-1	Legacy fixed speed receiver. 120 VAC input. Use with Legacy LWM41 wall mount.
LRD41A11-2	Same as LRD41A11-1 except 24 VAC input
LRD41A11-3	Same as LRD41A11-1 except 230 VAC input

RELATED PRODUCTS

MPT9000 Series	Desktop Coaxitron transmitter/control.
MPT9500 Series	Desktop transmitter/control for standard or extended Coaxitron receivers.
Coaxitron Matrix	Coaxitron Matrix, System 6700, 6800, 9500, 9740 or 9760 controls. Refer to individual matrix spec sheets for additional information.

MECHANICAL

Video Connectors	BNC
Pan/Tilt Connector	37-pin CPC
Power Connector	Plastic interlocking (female)

ELECTRICAL

Input Voltage	See table below
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LRD41A11-1

Input Voltage:	120 VAC
P/T Voltage:	120 VAC
Camera Voltage:	24 VAC or 120 VAC (selectable)
Enclosure Voltage:	120 VAC

LRD41A11-2

Input Voltage:	24 VAC
P/T Voltage:	24 VAC
Camera Voltage:	24 VAC
Enclosure Voltage:	24 VAC

LRD41A11-3

Input Voltage:	230 VAC
P/T Voltage:	120 VAC
Camera Voltage:	24 VAC or 230 VAC (selectable)
Enclosure Voltage:	230 VAC

Frequency	60/50 Hz
Power Consumption	5 VA
Video Input	75 ohms terminating
Video Output	75 ohms terminating
Video Bandwidth	10 MHz
Video Gain	Unity
Video Formats	NTSC or PAL

Control Method	Coaxitron, 15-bit protocol
Lens Output Voltage	6 VDC to 10 VDC
Current	25 mA at 10 VDC, 100 mA at 9VDC
Operating Distances	Cable distances are approximate according to cable type used. 75 ohm coax required.

Cable Type	Distance	Distance Using EA2000
RG59/U	750 ft (229 m)	3,000 ft (914 m)
RG6/U	1,000 ft (305 m)	4,500 ft (1,372 m)
RG11/U	1,500 ft (457 m)	6,000 ft (1,829 m)
RG15/U	—	8,000 ft (2,438 m)

Fuse Values	F1	F2
	<u>LRD/PANTILT</u>	<u>ENCLOSURE</u>
LRD41A11-1	2 amp	2 amp
LRD41A11-2	5 amp	6.3 amp
LRD41A11-3	1 amp	1 amp

GENERAL

Operating Temperature	0° to 120°F (-17° to 49°C)
Finish	Alodine
Dimensions	11.5" L x 4.5" W x 2.75" H (29.2 x 11.4 x 6.98 cm)

Unit Weight	
LRD41A11-1	3.80 lb (1.72 kg)
LRD41A11-2	2.44 lb (1.11 kg)
LRD41A11-3	4.31 lb (1.95 kg)
LWM41	9.50 lb (4.31 kg)

Shipping Weight	
LRD41A11-1	6 lb (2.71 kg)
LRD41A11-2	4 lb (1.81 kg)
LRD41A11-3	6 lb (2.71 kg)
LWM411	2 lb (5.43 kg)

CERTIFICATIONS

- CE, Class A (LRD41A11-2 and LRD41A11-3)
- FCC, Class A (LRD41A11-1 and LRD41A11-2)
- Meets NEMA Type 4 standards (when installed in the LWM41 wall mount)

OPTIONS

LRD41TLC	Test Local Control module. Receiver plug-in module for on-site testing of Legacy system functions.
LWM41	Legacy wall mount.
CM9760-CXT	Coaxitron Translator; used to interface the CM9740 and CM9760 Matrix with LRD41A11 Series receivers.



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