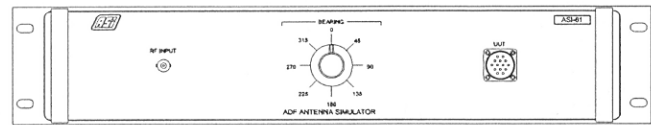


ADF Antenna Simulator

ASI-61

OEM Equivalent: HTS
MN: HTS-61
PN: 2900-00061-000
Manual:
Manual Figure:

UUT: ADF-60 / ADF-462 / DFR-206A
AN/ARN-149(V) / R-2382 / R-2383
Size: H: 3.5" W: 19.00" D: 7.00"
Pwr: Provided by UUT



Description:

The ASI-61 ADF Antenna Simulator provides the simulated directional ADF signal required for testing, alignment, and troubleshooting the Collins ADF-60, ADF-462, and DFR-206A ADF Receivers. The ASI-61 works in conjunction with the Collins 970G-1 (ASI-185), 970G-2 (ASI-375-1) or ASI-200-10 / ASI-2000 for complete function testing of the ADF receiver. The optional ASI-18-5D cable is used to interface the ASI-61W to the 970G-1 (ASI-185) or 970G-2 (ASI-375-1).

The ASI-61 is functionally interchangeable with the Collins 970W-1. The ASI-61 is manufactured in a standard 19" wide rack mount chassis. See the ASI-61W For a control head size version of the ASI-61.

Optional Equipment:

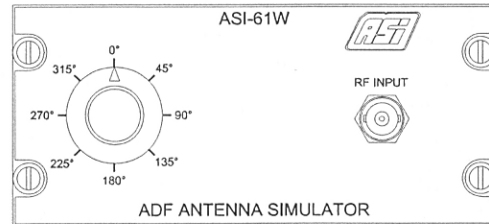
ASI MN	OEM PN	Description
ASI-18-5D	NPN	Cable, ASI-185 / ASI-375-() to ASI-61
ASI-200-10	NPN	ADF-60 / ADF-462 Plug-In Adapter
ASI-185	622-2854-001	ADF Test Panel (970G-1)
ASI-375-1	622-7345-001	ADF Test Panel (970G-2)
ASI-0412-001	NPN	ADF Antenna Simulator Test Box

ADF Antenna Simulator

ASI-61W

OEM Equivalent: Rockwell Collins
MN: 970W-1
PN: 622-3099-001
Manual:
Manual Figure:

UUT: ADF-60 / ADF-462 / DFR-206A
AN/ARN-149(V) / R-2382 / R-2383
Size: H: 2.625" W: 5.75" D: 5.00"
Pwr: Provided by UUT



Description:

The ASI-61W ADF Antenna Simulator provides the simulated directional ADF signal required for testing, alignment, and troubleshooting of the Collins ADF-60, ADF-462, and DFR-206A ADF Receivers. The ASI-61W works in conjunction with the Collins 970G-1 (ASI-185), 970G-2 (ASI-375-1) or ASI-200-10 / ASI-2000 for complete function testing of the ADF receiver. The ASI-61W will mount directly into the face plate of the 970G-1 (ASI-185) or the 970G-2 (ASI-375-1).

The ASI-61W is a Form, Fit, and Functional replacement for the Collins 970W-1 / 622-3099-001. See the ASI-61 for a 19" rack mountable version of the ASI-61W.

Optional Equipment:

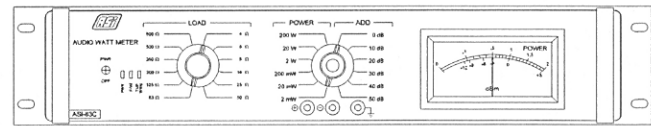
ASI MN	OEM PN	Description
ASI-200-10	NPN	ADF-60 / ADF-462 Plug-In Adapter
ASI-185	622-2854-001	ADF Test Panel (970G-1)
ASI-375-1	622-7345-001	ADF Test Panel (970G-2)
ASI-0412-001	NPN	ADF Antenna Simulator Test Box

Audio Watt Meter

ASI-83C

OEM Equivalent: HTS
MN: HTS-83C
PN: 2900-00083-003
NSN: 6625-01-444-9555
EQ NSN: 6625-00-937-6156

UUT: Various
Size: H: 3.50" W: 19.00" D: 7.00"
Pwr: 115 VAC 60 Hz



Description:

The ASI-83C Audio Watt Meter is capable of power measurements from the 100 microwatts to 200 watts. The ASI-83C features 12 common impedance loads, and additional non-inductive loading may be coupled for an extended range of impedance matches.

The watt meter has a frequency response from 20 Hz to 20 kHz with no more than a ± 0.5 dB error. The nearly flat power curve across this range is due to the use of non-reactive components within the load bank. Meter scale readings are shown as watts or as dB's referenced to 1 mW (0 dB being the equivalent of 1 mW of power). The power range switch is incremented in 10 dB steps from 0 dB (2 mW full scale) to 50 dB (200 W full scale).

Equipment Supplied:

ASI MN	OEM PN	Description
	4115	Shorting Link (Gnd)

Optional Equipment:

ASI MN	OEM PN	Description
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Solid State Digital Synchro

ASI-110

OEM Equivalent: HTS
MN: HTS-110
PN: 2900-00110-000
Manual:
Manual Figure:

UUT: Various
Size: H: 3.40" W: 3.40" D: 6.5"
Pwr: 26 VAC 400 Hz

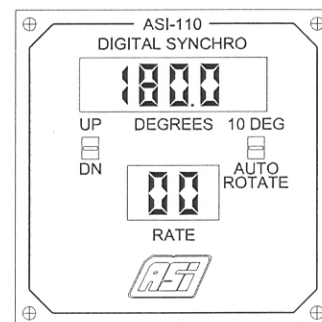
Description:

The ASI-110 Digital Synchro provides precise control over systems requiring ARINC standard synchro sources. The 3-Wire angular output can be set anywhere from 000.0° to 359.9° in either 0.1° or 10° increments. An auto rotation feature allows cycling at rates between 1° to 99° per second or preset at 150° or 300° per second.

The ASI-110 is housed in a standard ARINC ATI style case and is internally protected against short circuits, overloads, and transient voltages.

The ASI-110 is available in two different configurations:

ASI-110-1 Accuracy: $\pm 0.067^\circ$ (± 4 min) / Resolution: 0.1° / Load: 7 VA Max
ASI-110-2 Accuracy: $\pm 0.033^\circ$ (± 2 min) / Resolution: 0.1° / Load: 7 VA Max



Equipment Supplied:

ASI MN	OEM PN	Description
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Optional Equipment:

ASI MN	OEM PN	Description
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