ASA 100 Series

Passive ASA - Audio Summing Adapters



COMMON FEATURES

- · Output: Captive screw terminal
- · Resistor network provides passive audio summing
- · Compact design for easy installation into small spaces or behind equipment in a rack
- 2 foot (60 cm) length

DESCRIPTION

The Extron ASA 100 Series of Audio Summing Adapters are convenient, single-cable solutions for combining two-channel stereo audio into a mono audio signal. They are ideal for summing stereo signals for use in mono PA systems in churches, halls, arenas, stadiums, and other environments where stereo signals would result in cancellation. Because they are small and passive devices, these Audio Summing Adapters are especially useful in systems where power and space are limited.

The ASA 111, ASA 121, and ASA 131 feature connectivity options for popular stereo sources such as RCA, stereo mini plug, or captive screw connectors. The ASA 141 features RCA input connectors while an internal transformer provides a balanced output isolating the signal from load and preventing ground loops. All ASA 100 series products are designed as 2 foot long adapters with a resistor network to properly sum stereo signals without signal loss or damage to source equipment.



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Japan

ASA 111

Passive ASA - Audio Summing Adapter with Stereo Mini Plug Input and Unbalanced Output

UNIQUE FEATURES

- · Converts unbalanced stereo audio to unbalanced mono audio
- Input: 3.5 mm stereo mini plug

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VERSION DESCRIPTION		PART #
Stereo Mini Plug Input		

MODEL ASA 111

Stereo Mini Plug Input

ASA 121

Passive ASA - Audio Summing Adapter with RCA Inputs and **Unbalanced Output**

UNIQUE FEATURES

- · Converts unbalanced stereo audio to unbalanced mono audio
- Input: Male RCA connectors •



MODEL	VERSION DESCRIPTION	PART #
ASA 121	RCA Input.	60-739-01

ASA 131

Passive ASA - Audio Summing Adapter with Captive Screw Plug Input and Balanced Output

UNIQUE FEATURES

- · Converts balanced stereo audio to balanced mono audio
- Input: Captive screw plug •
- Designed for use with Extron products featuring balanced audio outputs on • captive screw connectors

MODEL	VERSION DESCRIPTION	PART #
ASA 131	Captive Screw Plug Input	. 60-740-01

ASA 141

Passive ASA - Audio Summing Adapter with RCA Inputs and Balanced/Unbalanced Output

UNIQUE FEATURES

- Converts unbalanced stereo audio to balanced or unbalanced mono audio •
- Input: Male RCA connectors
- Internal transformer provides balanced output and isolates signal from load to prevent ground loops
- Wide frequency response from 20 Hz to 20 kHz

VERSION DESCRIPTION	PART #
RCA Input; Transformer Balanced	. 60-804-01



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Continued →
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Extron

MODEL ASA 141

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SPECIFICATIO	NS				
AUDIO					
Gain					
ASA 111, ASA 121	See the table	helow Teste	ed with an unhal	anced output ar	nd a 20k ohm load
ASA 131					
		hannel	I	7	Lon on in load
	Left	Right	Output		
	signal	signal	-1 dB	1	
	signal	*	-7 dB	1	
	*	signal	-7 dB	1	
	* Tested with	· · ·	aining connected.	1	
ASA 141			•	m output load	Gain numbers are ±2
ASA 141	dB.	e delow. Teste	eu with a zok on	in output load.	Gain numbers are ±2
		hannel	Output		-
	Left	Right	Unbalanced	Balanced	
	0 dB	0 dB	+3 dB	-3 dB	-
	0 dB 0 dB	open 50 ohms	+3 dB -3 dB	-3 dB -9 dB	-
			aining connected.	-a (ir	J
	lested with	unis input rema	aining connected.		
Frequency response					
ASA 111, ASA 121, ASA 131	20 Hz to 20	kHz, ±0.05 c	iΒ		
ASA 141 with -10 dBV,					
+4 dBu, or +15 dBV input	20 Hz to 20	kHz, -3 dB to) +1 dB		
THD + Noise	0.0001 0.00				
ASA 111, ASA 121, ASA 131	0.03% @ 20) Hz to 20 kH	iz at nominal leve	el	
ASA 141	0.050/ 4.141	- 10/ 6 4			
-10 dBV input					
+4 dBu input					
+15 dBV input S/N					
	130 UD di III	алттитт оиф	ut		
Number/signal type					
ASA 111, ASA 121, ASA 141	1 stereo, unb	alanced			
ASA 131	1 stereo, bal	anced			
Connectors					
ASA 111				-sleeve)	
ASA 121, ASA 141					
ASA 131	(1) 3.5 mm o	aptive screw	connector, 5-pc	le	
Impedance	001 1 (
ASA 111, ASA 121					
ASA 131			unbalanced loa		
ASA 131			i balanced load, l		
ASA 141					
Nominal level	3.4K UIIIIS (I	wiuld ZUK OI	ini palanceu load	i, bour inputs te	anninaleuj
ASA 111, ASA 121	-10 dBV (31)	6 mVrms)			
ASA 131					
ASA 141			+4 dBu (1.23 Vr	ms)	
Maximum level				···-,	
ASA 111, ASA 121, ASA 131	+24 dBu (12	2.3 V)			
ASA 141					
NOTE 0 dBu = 0.775 Vrms, 0 dBV		,			
		2 000			

Number Normal ScienceI mono, unbalancedASA 111, ASA 1211 mono, balancedASA 1311 transformer, mono, balancedASA 1411 transformer, mono, balanced/unbalancedConnectors(1) 3.5 mm direct insertion captive screw connector, 3 poleImpedance (with 50 ohm input impedance)ASA 1312k ohms balancedASA 1312k ohms balancedASA 1313.3k ohms balancedASA 1313.3k ohms balancedASA 1314 dBu (1.23 V)Maximum levelASA 131, ASA 121-10 dBV (316 mV) or +4 dBu (1.23 V)Maximum levelASA 111, ASA 121, ASA 131+24 dBu (12.3 V)Maximum levelASA 111, ASA 121, ASA 131+24 dBu (12.3 V)GENERALPowerNot poweredTemperature/humidityStorage: -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 Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +60 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to	Number/signal type	
ASA 131		1 mono unhalanced
ASA 141 1 transformer, mono, balanced/unbalanced Connectors (1) 3.5 mm direct insertion captive screw connector, 3 pole Impedance (with 50 ohm input impedance) ASA 111, ASA 121 ASA 111, ASA 121 1k ohms unbalanced ASA 131 2k ohms balanced ASA 141 3.3k ohms balanced ASA 141 3.3k ohms balanced ASA 141 3.3k ohms balanced ASA 131 -10 dBV (316 mV) ASA 131 +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 +24 dBu (12.3 V) ASA 141 +24 dBu (2.3 V) ASA 141 +5 dBV (5.6 V) GENERAL Power Power Not powered Finclosure dimensions Can be attached to any flat surface with supplied Velcro® Enclosure dimensions 0.7" H x 0.7" W x 1.3" D ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes t		
Connectors (1) 3.5 mm direct insertion captive screw connector, 3 pole impedance (with 50 ohm input impedance) ASA 111, ASA 121 1k ohms unbalanced ASA 111, ASA 121 1k ohms unbalanced ASA 131 ASA 111, ASA 121 2k ohms balanced (typical) Nominal level ASA 111, ASA 121 -10 dBV (316 mV) ASA 131 +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) Maximum level -10 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 +24 dBu (12.3 V) GenVer Not powered 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 Enclosure dimensions ASA 141 .0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D BASh 111, ASA 121,		
Impedance (with 50 ohm input impedance) ASA 111, ASA 121 1k ohms unbalanced ASA 131 2k ohms balanced ASA 131 2k ohms balanced ASA 141 3.3k ohms balanced (typical) Nominal level ASA 131 ASA 131 -10 dBV (316 mV) ASA 131 +4 dBu (1.23 V) ASA 131 -40 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 -10 dBV (56 V) GENERAL Power Power Not powered 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 Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing Constance type Ask 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.2 cm		
ASA 111, ASA 121 1k ohms unbalanced ASA 131 2k ohms balanced ASA 141 3.3k ohms balanced ASA 141 3.3k ohms balanced ASA 141 3.3k ohms balanced ASA 111, ASA 121 -10 dBV (316 mV) ASA 131 +4 dBu (12.3 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) Maximum level ASA 111, ASA 121, ASA 131. ASA 111, ASA 121, ASA 131. +24 dBu (12.3 V) ASA 111, ASA 121, ASA 131. +24 dBu (12.3 V) ASA 141 -15 dBV (5.6 V) GENERAL Power Power Not powered Finclosure dimensions Can be attached to any flat surface with supplied Velcro® Enclosure dimensions O.7" H x 0.7" W x 1.3" D ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Wibration ISTA 1 A in carton (International Safe Transit Association) Listings		
ASA 131 2k ohms balanced ASA 141 3.3k ohms balanced (typical) Nominal level ASA 111, ASA 121 ASA 131 -10 dBV (316 mV) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) Maximum level -10 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) ASA 141 +15 dBV (5.6 V) GENERAL Power Power Not powered 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 Can be attached to any flat surface with supplied Velcro® Enclosure type Molded plastic Enclosure dimensions ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) 0.2 lbs (0.1 kg) Shipping weight 1 lb (1 kg) Shipping weight Vibration IST		
Nominal level Image: Constraint of the second		
ASA 111, ASA 121 -10 dBV (316 mV) ASA 131 +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) Maximum level ASA 111, ASA 121, ASA 131 +24 dBu (12.3 V) ASA 141 +15 dBV (5.6 V) GENERAL Power Not powered 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 Can be attached to any flat surface with supplied Velcro® Enclosure type Molded plastic Enclosure dimensions ASA 111, ASA 121, ASA 131 ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D ASA 141 1.1" H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 lb (1 kg) Wibration ISTA 1 h in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC class A, VCCI, AS/NZS, ICES	ASA 141	3.3k ohms balanced (typical)
ASA 131 +4 dBu (1.23 V) ASA 141 -10 dBV (316 mV) or +4 dBu (1.23 V) Maximum level ASA 111, ASA 121, ASA 131 +24 dBu (12.3 V) ASA 141 +15 dBV (5.6 V) GENERAL Power. Power. Not powered 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 Ack mount Can be attached to any flat surface with supplied Velcro® Enclosure type Molded plastic Enclosure dimensions ASA 141 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singli cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) O.2 lbs (0.1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings U_L, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	Nominal level	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	ASA 111, ASA 121	10 dBV (316 mV)
Maximum level ASA 111, ASA 121, ASA 131 +24 dBu (12.3 V) ASA 141	ASA 131	. +4 dBu (1.23 V)
ASA 111, ASA 121, ASA 131	ASA 141	10 dBV (316 mV) or +4 dBu (1.23 V)
ASA 141	Maximum level	
GENERAL Power. Not powered 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 Can be attached to any flat surface with supplied Velcro® Rack mount Can be attached to any flat surface with supplied Velcro® Enclosure type Molded plastic Enclosure dimensions ASA 111, ASA 121, ASA 131 ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 lb (1 kg) Vibration LSTA 1 in carton (International Safe Transit Association) Listings. UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	ASA 111, ASA 121, ASA 131	. +24 dBu (12.3 V)
Power Not powered 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 Back mount Can be attached to any flat surface with supplied Velcro® Enclosure type Molded plastic Enclosure dimensions ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1." W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 lb (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	ASA 141	. +15 dBV (5.6 V)
Temperature/humidity	GENERAL	
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 Can be attached to any flat surface with supplied Velcro® Enclosure type Molded plastic Enclosure dimensions ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 lb (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	Power	. Not powered
Rack mount Can be attached to any flat surface with supplied Velcro® Enclosure type Molded plastic Enclosure dimensions 0.7" H x 0.7" W x 1.3" D ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 b (1 kg) Vibration ISTA 1 A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
Enclosure type Molded plastic Enclosure dimensions ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 b (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	. ,	Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Enclosure dimensions ASA 111, ASA 121, ASA 131 0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singlicable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 b (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	Rack mount	. Can be attached to any flat surface with supplied Velcro®
ASA 111, ASA 121, ASA 131 .0.7" H x 0.7" W x 1.3" D 1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141 1.1" H x 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail) Product weight 0.2 lbs (0.1 kg) Vibration ISTA 1 A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours	Enclosure type	Molded plastic
1.8 cm H x 1.7 cm W x 3.4 cm D (Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singlicable for the ASA 111 and ASA 131.) ASA 141 1.1" H X 1.1" W x 1.6" D 2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 b (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours		
(Depth excludes the 24 inch long pigtail for ASA 121 and the 24 inch long singl cable for the ASA 111 and ASA 131.) ASA 141	ASA 111, ASA 121, ASA 131 .	. 0.7" H x 0.7" W x 1.3" D
cable for the ASA 111 and ASA 131.) ASA 141 1.1" H X 1.6" D 2.8 cm H X.2.8 cm WX 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 b (1 kg) Vibration ISTA 1 A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours		1.8 cm H x 1.7 cm W x 3.4 cm D
ASA 141		
2.8 cm H x 2.8 cm W x 4.0 cm D (Depth excludes the 24 inch long pigtail.) Product weight 0.2 lbs (0.1 kg) Shipping weight 1 lb (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours		
(Depth excludes the 24 inch long pigtail.) Product weight	ASA 141	
Product weight 0.2 lbs (0.1 kg) Shipping weight 1 lb (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours		
Shipping weight 1 lb (1 kg) Vibration ISTA 1A in carton (International Safe Transit Association) Listings UL, CUL Compliances CE, FCC Class A, VCCI, AS/NZS, ICES MTBF 30,000 hours		
Vibration		
ListingsUL, CUL CompliancesCE, FCC Class A, VCCI, AS/NZS, ICES MTBF		
Compliances		
MTBF 30,000 hours		
Warranty 3 years parts and labor		
	Warranty	3 years parts and labor

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