



► **What is the Model ASC ?**

The Model ASC is a professional single channel 4 band equalizer in a 1/2 rack format.

It is simple...it is useful...and it delivers the high quality and specifications found in all Speck Electronics gear.

► **That Classic Sound**

You'll hear none of the thinness and edginess experienced with some other outboard EQ devices. The Speck Model ASC is reminiscent of vintage equalizers, revered for their dynamic range and musical performance.

► **The Front Panel**

This compact 4 band parametric equalizer has 12 controls for equalization adjustment that covers the audio spectrum from a low 20Hz all the way up to 25kHz.

There is a - 12/+6 dB gain control that handles the level variations when patching between balanced and unbalanced gear.

► **The Rear Panel**

Connect the ASC to virtually any line level source: balanced, unbalanced, or mixer inserts. The Model ASC has high headroom that will handle balanced signals up to +28dBu.

To enhance the classic EQ experience, the Model ASC offers balanced-transformer and active-balanced outputs.

► **4 Sweepable Bands**

L Band - a low band that incorporates a "Simulated Inductor" **si** design that sweeps the low frequencies from 20Hz - 150Hz. This band offers a Peak/Shelf select switch.

L/M Band - a switchable low and mid band. This fully parametric section can be switched between a low frequency band that sweeps from 40Hz - 800Hz, or a mid frequency band that sweeps 400Hz - 8kHz. This band has a variable bandwidth adjustment.

M Band - a fully parametric mid band with a frequency sweep range from 400Hz to 10kHz.

H Band - a high band that also incorporates a "Simulated Inductor" **si** circuit that adjusts the high frequency from 4kHz all the way up to 25kHz.

► **Specifications**

Frequency Response.....	2 Hz to 154KHz (+0/-3 dB)
Residual noise	-93dBu (22Hz-22kHz)
Distortion(THD+n).....	.0014% @ +24 dBu
Max. input/output level	+24dBu / +28 dBu
Phase deviation	7.6 degrees @ 20KHz
Square wave resp.(10kHz)	1.6us rise time (10%-90%)
Overshoot	Zero
Dimensions	HxWxD= 1.75" x 8.5" x 7.25"
	(44mm x 216mm x 178mm)
Power Requirements.....	External AC supply (included)

<u>Model</u>	<u>Description</u>
ASC-NA	Model ASC w/Active-Balanced 120VAC
ASC-T-NA	ASC w/Output Transformer 120VAC
ASC-EU	Model ASC w/Active-Balanced 230VAC
ASC-T-EU	ASC w/Output Ttransformer 230VAC

