

PLA CL SYS 1

Counter Loop Kit



Counter Loop Kit. This is a complete kit for applications where there is no amplified audio system present. A 12" Nylon Fabric Mat (containing a two-turn loop with resistor) is installed under any non-metal counter, and produces about a 36" x 36" magnetic field for T-Coil equipped hearing aid users.

System Includes

- (1) PLA 240 Loop Amplifier
- (1) PLM 001 Power Loop Mat
- (1) MIC 027 Directional Microphone
- (1) STD 005 Microphone Stand

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SPECIFICATION DATA

Kiosks • Ticket Windows • Pharmacies • Bank Teller Windows

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PLA 240

Dimensions	7" W x 1-5/8" H* x 6" D** (17.8 cm W x 2.86 cm H* x 15.24 cm D**) *Height without rubber feet. Rubber feet add 1/8" (0.32 cm) **Depth includes front controls and rear jacks
Weight	Shipping weight (boxed with accessories): 4.3 lb (kg) Unit (amplifier) weight: 1.6 lb (kg)
Color	Silver
Power	Unit Input: 12-24 VDC, 2 A Power Supply Output: 18 V, 1.5 A
Controls	Rotary Volume Control Rotary Tone Control On/Off Power Switch Source Selector Switches Priority Switch
Input Connections	Digital Audio TOSlink/Coaxial 2 x Microphone inputs. 3.5 mm mono jack plug. DC powered 5 V for Electret Microphones. 2 x Aux In Left/Right Line Inputs. Phono/RCA jacks. For direct connection to a TV sound output or other sound source via SCART or other suitable jack.
Output Connections	Push grip connectors for loop cable (labelled: "loop cable"). Loop will give full output with loop resistance between 0.5 and 1.5 ohms.
Loop output	3.0 A output current @ 100 Hz - 5 KHz. Meets BS EN60118-4: 2006 for a loop not exceeding 6.5 m (20 ft) in width. Suitable for areas up to 540 sq. ft (50 m2).
Loop cable	Single turn loop cable. System supplied with 40 m (130 ft) of 24 ga/0.2 mm (0.75 mm2) single core PVC insulated cable. Min cable length 36 ft (11 m) = 0.5 ohms.
Indicators	Blue/Red LEDs
Waranty	2 Years

MIC 027

Phantom Powered	No
Impedance	1.4 kΩ
Operating Voltage	1.5 - 10 VDC
Frequency Response	20 Hz - 18 kHz
Dynamic Range	99 dB
Signal-to-Noise Ratio	74 dB
Pick-Up Pattern	Uni-directional
Element	Electret Condenser
Max Input Sound Level	119 dB SPL
Sensitivity	-56 dB ± 3 dB
Color	Black
Weight	0.54 lbs
Plug	3.5 mm mono
Cord Length	49"
Approvals	WEEE, RoHS
Warranty	90 days

PLM 001

Inductive Field Coverage	Approx. 36 in. x 36 in.
Nylon Fabric Mat	12 in. x 12 in.
Lead Wire	16 ft.
Total DC Resistance	1.4 Ω

STD 005

Microphone	MIC 027
Dimensions	4-1/8" x 5" x 1"
Weight	1.01 lbs