

# a high powered loop system. plus.

The Proloop DCCplus represents a milestone in induction loop systems with an extremely versatile solution that delivers either standard induction loop or phased array (low overspill) installations. The PROLOOP DCCplus can deliver coverage for rooms up to 600m<sup>2</sup> in size or can be paired with an additional unit for a phased array over the same space. This makes the PROLOOP DCCplus extremely versatile and perfect for various venues with different requirements.

To find out more, contact Group Technologies to discuss your requirements with one of our induction loop specialists.

A large induction loop solution has never been simpler.



## Humantechnik PROLOOP DCCplus. Standard or phased array solution of up to 600m<sup>2</sup>

The new PROLOOP DCCplus is designed for areas of up to 600m<sup>2</sup>. It is the ideal solution for even rooms and conference halls.

Each one of the two XLR-3 input connectors can be configured as Line (symmetric) or as Microphone (asymmetric) inputs. When using the input in microphone mode, 17V phantom power can be activated where required. Amplification adjustment of the input is possible in both Line and Mic modes. The output amplification is quite powerful (up to 10A RMS) guaranteeing excellent audio transmission. The Automatic Gain Control ensures consistent field strength by offering more stability of volume and excellent audio reproduction.

The supplied 6.3mm jacks for "Master In" and "Slave Out" enable the connection of a second PROLOOP DCCplus unit creating a phased array (Low Overspill) loop system.

- Output power: 10A RMS
- Short-circuit-proof
- Automatic fuse reset
- Three programmable, balanced XLR inputs
- Individual bass\treble\gain\input controls
- LED indicators for power, AGC, limiter, fault, current and loop integrity
- Sensitivity, phantom voltage, balanced/ unbalanced and priority can be separately adjusted for each input
- Convenient monitoring of the magnetic field: can be done using headphones or speakers

### Technical Data

<b>Power</b>	
Mains connection:	230 - 240 V AC, 50Hz, 25 - 740 W
Coverage:	600m <sup>2</sup> acc. to IEC 60118-4, single-loop, free field
<b>Induction Loop Output</b>	
Output AGC:	Sets voltage and power for steady signals like oscillation and sine curves after 0.6-1 seconds to -10 dB. Short pulses and normal program signals are not limited
Frequency range:	100 - 5000 Hz (±3 dB)
Distortion::	< 1%
Cable connection:	1 screw on the rear panel of the amp
<b>Outputs / Inputs</b>	
Master OUT:	0 dBm, RCA (with AGC function)
Slave OUT:	0 dBm, RCA (with AGC function)
Input (LINE or MIC):	2 x XLR - LINE (symmetric, sensitivity: 1V) or MIC (asymmetric, sensitivity: 1mV)

<b>AGC</b>	
Dynamics:	> 70 dB
Rise time:	2 - 500 ms
Fall time:	0.5 - 20 dB/s
<b>Control &amp; Display</b>	
Treble control:	0 - +9 dB, potentiometer
IN 1 & 2 adjustment:	Two individual potentiometers
Mains connection:	LED green
Output level:	4 LED's (1 red, 2 yellow, 1 green)
Induction loop power:	5 red LED's
<b>Enclosure</b>	
Dimensions (H x W x D):	88 x 438 x 280 mm
Colour:	Black
Weight:	9.5kg



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