



PROTON-18NEO

Order No.: 0250050

Price upon request

PRODUCTINFOS

The PROTON Systems

from IMG STAGELINE set the limit which can be achieved regarding mobility, power capability and sound. The active 3-channel systems are equipped with high-performance speakers which allow highest volume levels at an absolutely professional level in cabinets as small as possible. The special highlight: the subwoofer serves as a case for the satellite speakers and cables during transport.

Compact professional active PA system, 2,300 W

- Subwoofer/satellite system with integrated 3-channel amplifier
- Lightweight due to the application of neodymium speakers and class D amplifier
- High-quality cabinets made of birch plywood (multiplex)
- Durable two-component PU coating
- High-performance bass-reflex subwoofer system with 46 cm (18", Faital) bass speaker
- 25 cm (10", Faital) midrange speaker providing a powerful sound and 25 mm (1") CD horn tweeter, constant directivity
- Adjustable volume balance between subwoofer and satellites
- Balanced (comb. XLR) and unbalanced (RCA) inputs and parallel outputs
- Limiter

- Stereo/mono selection, surround effect circuit
- Satellites can be stored in the subwoofer cabinet
- Supplied with speaker cables with NEUTRIK SPEAKON plugs (2 x 10 m)
- Stand sleeve in the satellites
- Subwoofer with M20 mounting plate (recommended distance tube: KM-21367, available at option)
- 75 mm castors with brakes
- Protective cover
- Total weight: 57 kg only

Supplied w/o stands.

tools4music 03/2015

“The PROTON-18NEO is a thoroughly impressive system. It provides a clear bass reproduction and an overall well-tuned sound. A space-saving system with a high power capability.”

tastenwelt 06/2014

“With the PROTON-18NEO, IMG Stage Line is able to offer another multi-purpose active PA system. It is a suitable tool for applications on stage, e.g. for entertainers, DJs, duos and smaller bands. It features a top workmanship, high power capability and a sophisticated transport concept.”

TECHNICAL SPECIFICATIONS

PROTON-18NEO

Active/passive	active
Transmission method	cable
Total output power	2,300 W
Power rating (RMS)	800 W (SUB), 2 x 250 W (SAT)
Frequency range	30-20,000 Hz
S/N ratio	> 80 dB
Input signal	260 mV-7 V (line), 280 mV-7 V (line)
System	compact active PA system
Bass speaker	1 x 46 cm (18", Faital) bass speaker
Midrange speaker	2 x 25 cm (10", Faital) midrange speaker
Tweeter	2 x 25 mm (1") horn tweeter
Number of speakers	5

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Speaker size	46 cm (18")
Max. rated SPL	128 dB
Housing material	birch plywood
Colour	black
Admiss. ambient temp.	0-40 °C
Power supply	~ 230 V/50 Hz/2,750 VA
Dimensions	279 x 465 x 229 mm (satellite), 516 x 642 x 718 mm (subwoofer)
Weight	8 kg (satellite), 41 kg (subwoofer), 57 kg (system)
Inputs	2 x comb. XLR/6.3 mm (line), 1 x RCA L/R (Line)
Outputs	2 x XLR (bal.), 1 x RCA L/R (unbal.), 2 x NEUTRIK SPEAKON, 8 Ω