

The next generation of compact mobile PA systems:

The PROTON systems from IMG Stage Line set the limit which can be achieved regarding mobility, power capability, and sound. The active 3-channel systems are equipped with high-efficiency speakers which allow highest volumes at an

## PROTON-15

Order No. 24.5620

### Compact professional active PA system, 1,500W<sub>MAX</sub>, 1,100W<sub>RMS</sub>

This subwoofer/satellite speaker system with integrated 3-channel amplifier, active crossover network, and limiter (with various LED indications) is even suitable for larger events with hundreds of guests due to the very high power reserves and the perfect speaker technology but at the same time still perfectly mobile. During transport, the mid-high range speaker systems can be inserted into the subwoofer fitted with castors which are partly equipped with brakes. The high-quality workmanship of the black lacquered MDF cabinets impresses by its appealing design just as well as by its stability and functionality (handles and stand sleeves are perfectly integrated). The subwoofer is equipped with a top-class 38cm (15") bass speaker; a 25cm bass-midrange speaker of extra high quality and a 1" horn tweeter are used in the satellite speakers of an extra compact size. The amplifier additionally features a temperature-controlled fan, balanced and unbalanced inputs and par. outputs, stereo/mono selector switch, a surround effect circuit for an enhanced room impression, a master volume control, and a control for balancing the sound between subwoofer and top speakers. Both the SPEAKON cables from the active subwoofer to the satellite speakers and a protective bag for the complete system are included in the delivery.

## OKEY!

### OKEY! 5-6/2006

"After several weeks of testing the PROTON-15 on tour in various kinds of locations with all their acoustic characteristics, only top marks can be given to this unit. Highly recommendable!"

## PROSOUND

### PROSOUND 9-10/2005

"... very positive sound. Each detail fully meets the requirements."

## tools

### Tools4music 04/2005

"Of compact size, transportable, and of high power capability! 1.385 watts (RMS)."

## SOUNDCHECK

### Soundcheck 08/2005

"A sensational PA system. The sound characteristics are of reference standard. Concept, design, features, and quality are fully convincing."

### Soundcheck 12/2006

"Multi-purpose unit! Four different PA applications in one evening - quite impressive! Time and again, the easy handling, the good sound, and the power reserves are electrifying."

**PROTON-15**  
**1500 W<sub>MAX</sub>**



## PROTON-12

Order No. 24.5660

### Compact professional active PA system, 800W<sub>MAX</sub>, 600W<sub>RMS</sub>

This subwoofer/satellite speaker system with integrated 3-channel amplifier, active crossover network, and limiter (with various LED indications) allows for a perfect sound in various kinds of mobile PA applications up to medium-sized party events. During transport, the mid-high range speaker systems can be inserted into the subwoofer fitted with castors which are partly equipped with brakes. The high-quality workmanship of the black lacquered MDF cabinets impresses by its appealing design just as well as by its stability and functionality (handles and stand sleeves are perfectly integrated). The subwoofer is equipped with a 30cm (12") bass speaker of long excursion; a top-quality 20cm bass-midrange speaker and a 1" horn tweeter are used in the satellite speakers of an extra compact size which obtain convincing volume levels from the amplifier power due to their high efficiency. The amplifier additionally features a temperature-controlled fan, balanced and unbalanced inputs and par. outputs, stereo/mono selector switch, a surround effect circuit for an enhanced room impression, a master volume control, and a control for balancing the sound between subwoofer and top speakers. Both the SPEAKON cables from the active subwoofer to the satellite speakers and a protective bag for the complete system are included in the delivery.

## ATTENTION!

Matching set of speaker stands (PAST-162SET) are avail. at option!

Model	PROTON-15	PROTON-12
Power capability		
Max. output power	1,500W <sub>MAX</sub>	800W <sub>MAX</sub>
Power rating	650W <sub>RMS</sub> (SUB), 2 x 225W <sub>RMS</sub> (SAT)	350W <sub>RMS</sub> (SUB), 2 x 125W <sub>RMS</sub> (SAT)
Speakers	1 x 38cm (15") bass speaker, 2 x 25cm (10") midrange speaker, 2 x 1" horn tweeter	1 x 30cm (12") bass speaker, 2 x 20cm (8") midrange speaker, 2 x 1" horn tweeter
Max. rated SPL (system)	125dB	121dB
Frequency range	33-20,000Hz	38-19,500Hz
Inputs		
Balanced	comb. XLR jack, 370mV-7V	comb. XLR jack, 370mV-7V
Unbalanced	RCA, 170mV-7V	RCA, 170mV-7V
Outputs		
Line (par. out)	XLR (bal.) + RCA (unbal.)	XLR (bal.) + RCA (unbal.)
Satellite speakers (>150Hz)	SPEAKON, 8Ω	SPEAKON, 8Ω
S/N ratio	> 75dB	> 75dB
Power supply	230V ~/50Hz/2,100VA	230V ~/50Hz/1,100VA
Admiss. ambient temp.	0-40 °C	0-40 °C
Dimensions		
Subwoofer (WxHxD)	445x610x720mm	405x550x600mm
Satellite speakers (WxHxD)	275x440x200mm	225x385x180mm
Weight		
Subwoofer	46kg	29kg
Satellite speaker	9.5kg	7kg
System	65kg	43kg

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.



## PROTON-12 800 W<sub>MAX</sub>

**Tasterwelt**

Tasterwelt 06/2005

"Of compact size with a perfect sound. An excellent unit for artists and entertainers as well as mobile DJs, because reaching party levels is not a problem."