

Live Sound
Conference
Seminar
School
Church / House of worship



- Extremely light and compact bodypack transmitter
- Premium audio quality
- Quick setup via infrared link of all frequency and setup data from receiver
- Long battery life for low operating cost
- 50 mW RF-output power
- 8 hours battery life
- Battery status information in hours
- Low battery data transmission to receiver

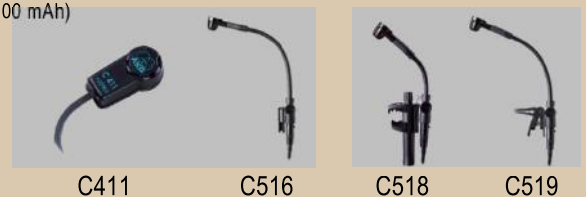
PT 450

PT 450 Bodypack Transmitter Specifications

Carrier frequency range	Band 7: 500 to 530 MHz (complies with new US regulation), Band 8: 570 to 600 MHz (complies with new US regulation), Band 1: 650 to 680 MHz (complies with new US regulation), Band 2: 680 to 710 MHz, Band 3: 720 to 750 MHz, Band 5: 790 to 820 MHz, Band 6: 835 to 865 MHz
Switching bandwidth	≤ 30 MHz (country dependent)
RF output power	10 or 50 mW (ERP, country dependent)
Modulation	Wideband FM
Audio input	TB3M / 3-pin mini-XLR socket (max. 2.5 Vrms)
Audio bandwidth	35 – 20 000 Hz (± 3 dB)
T.H.D.	≤ 0.7 %
SNR (A-weighted)	> 120 dB(A)
Battery life	≥ 6 hours with one 1.5 V LR6 AA alkaline battery ≥ 8 hours with one 1.2 V AA rechargeable battery (min. 2100 mAh)
Dimensions	60 mm (2.4 in.) × 73.5 mm (2.9 in.) × 30 mm (1.2 in.)
Net / Shipping Weight	90 g (3.2 oz.) without batteries
Standard Accessories	1 AA size LR6 batteries, belt clip

Item number: PT 450 3232H00..

Available AKG Microphones:



Architects' and Engineers' Specifications

The bodypack transmitter shall be housed in a miniature body and provide 1200 carrier frequencies that can be programmed via infrared within a 30 MHz wide subband. An LC display shall indicate the transmitter battery capacity in hours; as well as the frequency, frequency group, and preset name. An outside infrared sensor shall allow the frequency and input gain setting to be programmed, and a silent mode shall permit the transmitter to be used legally in R&TTE countries. The transmitter shall transmit low battery capacity and muting information to the receiver and use an integrated dipole transmitting antenna. The transmitter shall be available with an RF output of 10 mW or 50 mW (ERP). The transmitter shall provide a lockable on/mute/off switch with IR programming and silent mode functions. Charging contacts on the bottom panel shall allow the easy charging of a rechargeable battery inside the transmitter and a 2.5 mm jack shall allow an external mute switch to be connected. The audio bandwidth of the transmitter shall be 35 Hz to 20 kHz; S/N 120 dB(A); THD at 1 kHz < 0.7%. The input gain shall be adjustable by means of a special tool integrated in the battery compartment cover. The transmitter shall operate off one AA size dry battery for >6 hours, up to 8 hours off one AA size NiMH rechargeable battery. A means of color coding the bodypack transmitter shall be included. The bodypack transmitter shall measure 60 x 73.5 x 30 mm and weigh 90 g. The bodypack transmitter shall be the AKG PT 450 or equivalent.