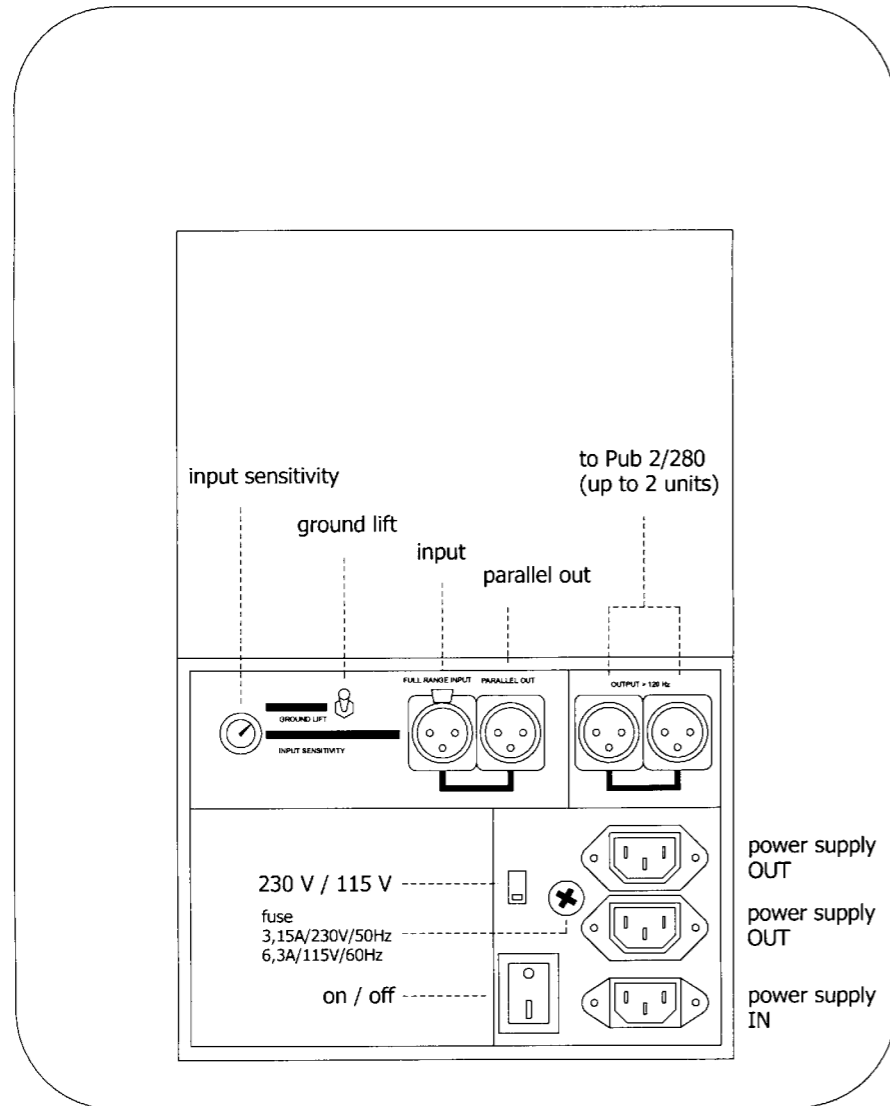


Control panel



ALL SCHERTLER® PRODUCTS ARE COVERED BY A LIMITED TWO-YEAR WARRANTY (FROM THE DATE OF PURCHASE) AGAINST MANUFACTURES DEFECTS. DETAILS CAN BE OBTAINED FROM YOUR LOCAL DEALER/REPRESENTATIVE. SCHERTLER SA STRONGLY BELIEVES IN "COMMON SENSE" AND THUS, MISUSE OF OUR PRODUCTS ARE NOT COVERED UNDER RIGHTS OBTAINED THROUGH OUR WARRANTY POLICY OR THAT OF INTERNATIONALLY RECOGNIZED TERMS AND CONDITIONS.

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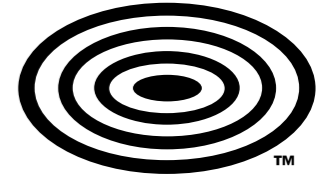
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Dealer :



PUB 1-380
SCHERTLER®



ACTIVE BASS EXTENSION



PUB 2-280

PUB 1-380

PUB 1 - 380

active bass extension

APPLICATIONS : - acoustic instrument loudspeaker
- mini-PA

Welcome to the world of Schertler® with your purchase of the PUB 1/380 active bass extension (shown in combination with the PUB 2/280 full range active loudspeaker) simply one of the best sound-engineered combinations available today.

The system is high powered and designed to provide undistorted volume with a proportionally high level of sound pressure. You will experience the most CONTROLLED bass available. No more "sub bass" distortion, but pure control of frequencies still known to man. When used in unison with one or more PUB 2/280's you have countless combinations for the matching of several units creating an impressive array that will put most professional PA systems back in the box they came in.

Technical Specifications:	Construction:	Bass Reflex 10" woofer
	Power output:	380 watts continuous RMS / 600 watts peak (8 ohm / 0.10 % THD)
	Frequency response:	35 Hz - 120 Hz (-3dB)
	Maximum SPL:	120 dB
	Connections:	XLR in-out; 2 x crossoverized XLR out
	Power supply:	220 Vac 50 Hz / 115 Vac 60 Hz (manual switching)
	Safety:	Ground lift switch (anti-hum)
	Controls:	Volume
	Mounting:	2 x d=36 mm std. Mount (top and bottom)
	Transport:	Two spring loaded carrying handles
	Dimensions:	45 x 35 x 37 cm
	Weight:	23.00 Kg (ca. 50 lbs.)

Controls

Ground Lift switch

The ground Lift is a particularly useful tool when earth loops are produced. An earth loop is recognisable by a humming sound, which is normally heard as a background noise. This particular form of interference occurs when various instruments are connected to the same mains line and are connected to one other by audio signals. The Ground Lift breaks the earth in the circuit (not the earth connection proper), and in most cases succeeds in cutting out over 90% of the noise.

Input sensitivity

The Input Sensitivity control adjusts the maximum output level of the speaker.

Inputs

Blanced Input

The balanced Input makes it possible to connect to the speaker via XLR which optimizes interference and background noise rejection.

PUB 1 - 380

active bass extension

Outputs

>120 Hz Output (2x)

The balanced Outputs allow you to connect one or two PUB 2/280 units in order to obtain a tri amplified array for use as an instrument loudspeaker or as a PA system for full range amplification.

Line Output

The line Output is a signal and not a power output. Therefore, using this output one obtains an exact copy of your original input signal. This can be used to link a number of powered speakers together; to connect to other amplification or monitor systems, or even as a connection to a tape, CD or Minidisc recorder.

Practical advice

When you are using an amplified speaker, one of the most important recommendations is to avoid at all costs a distorted input signal.

This means that when you are controlling the sound in the mixer (or any other preamplifier), you must avoid reaching saturation level. In the case of instruments it is advisable to keep the Gain control on a minimum, and to control the volume with the fader (slider volume) for the channel; and to keep the master volume controls at around half way. During use of a microphone use the same principle as controlling the instrument, and adjust the Gain to increase the sensitivity of the microphone input.

In the case of amplified speakers, the arrival of a distorted signal (square wave) may damage the internal amplifier beyond repair, which may in turn damage the loudspeakers.

Correct use of speakers guarantees their long life.

PUB 2 - 280

active 2 way loudspeaker

Technical Specifications:	Construction:	2-way Bass Reflex 8" woofer / compression tweeter
	Power output:	280 watts continuous RMS bi-amplified
	Low:	200 watts continuous / 400 watts peak (8 ohm / 0.10 % THD)
	Mid/High:	80 watts continuous / 120 watts peak (8 ohm / 0.10 % THD)
	Frequency response:	38 Hz - 22 kHz
	Maximum SPL:	118 dB
	Connections:	Combo XLR/Jack line-in + XLR line-out + 12 Vdc output
	Power supply:	220 Vac 50 Hz / 115 Vac 60 Hz (manual switching)
	Safety:	Ground lift switch (anti-hum)
	Controls:	Volume
	Mounting/transport:	d=36 mm std. Mount / spring loaded carrying handle
	Dimensions:	39 x 38 x 26,5 cm
	Weight:	19.60 Kg (ca. 44 lbs.)