



## 2 x 205 PROGRAMS / EFFECTS DESCRIPTION

**EARLY** Generates the initial part of room reverberation, without the decay of the reverberant field.

**STEREO GEN** Generates a pseudo-stereo effect out of mono sources by adding short delays to the signal.

**PING PONG** A delayed sound is bounced between the stereo channels.

**HALO** A digital recreation of the tried and proven Montarbo magnetic memory effect. Suggested for Vintage or Psycho voices.

**DELAY** A simple delay. It will add a pleasant openness to any sound.

**DETUNE** Slightly changes the tuning of the source. It enriches the sound without rendering it 'unnatural'.

**FLANGER** A powerful effect that gives a strong character to the sound.

**CHORUS** A choir effect is simulated by modulating both delay and amplitude.

**AMBIENCE** It emulates a small room, with reflecting surfaces.

**CHAMBER** A room slightly larger than the former, with more sound adsorbing surfaces.

**ROOM** The size is that of a living room.

**HALL** A large, empty room, with mostly reflecting, naked walls: the typical party hall.

**CATHEDRAL** A very large room, such a church or a cathedral.

**PLATE** It recreates the sound of the first electro-mechanical reverberation devices, that used metal plates for a large and brilliant sound.

**PLATE DLY** A slight echo is added to the Plate effect, giving an even larger sound.

**BIG SPACE** A really spacious room. The sound is unnatural but really evocative.

**ECO REV** It blends the depth of the echo with the warmth of the reverb. Usually applied to vocals.

**CONCERT** The acoustic space of a large concert hall with controlled reflections and a neutral tonal character.

**LIVE** It will give you the sensation of a live concert in an open space, on a large stage in front of thousands of listeners.

**GATE** The reverberation decay is suddenly muted, giving the sound an aggressive character.

**VOX - FLUTE - TRUMPET - SAX - BRASS - KEYBRD - PIANO - GTR - DRUM - TOMS - CYMB - HIHAT - KICK - SNARE - TOM**

This preset group includes custom-made effects for specific instruments, readily available.

**INSIDE A BOX** Similar to Room, but the room's size is very small.

**LIVING ROOM** Similar to the former, but the room's size is larger (a typical living room).

**PTC REV** A pleasant reverberation is added to the pitch.

**PITCH** These presets generate signals that are harmonic with the source, but transposed in terms of pitch.

**DISTANCE** It is a simple delay of the input signal, useful in installations with many loudspeakers at different distances from the listeners.

**ECHO**  
Classic multiplex effect. Delay time increases with program number.

**ECHO + REVERB**  
Delay and reverb blended together make for the impressive effect you can listen on most contemporary productions.

**VOICE REVERB**  
Reverbs specially tailored to enhance vocals' character.

**HALO + REVERB**  
Halo and reverb effects blended together.

• **Mono input channels:**  
Micro (sensitivity / impedance)  
Line (sensitivity / impedance)  
Phantom power supply  
Channel gain range  
Equivalent input noise  
Equalization

• **Stereo input channels:**  
Micro (sensitivity / impedance)  
Line L/R (sensitivity / impedance)  
Channel gain range  
Equivalent input noise  
Equalization

• **Dual Multieffect DSP**  
A-D and D-A conversion  
Internal DSP  
Bandwidth  
THD  
SNR ('A weighted')

• **External effect send**  
Nominal level

• **External effect return (stereo)**  
Nominal level

• **Monitor outputs**  
Nominal level / max. level  
Insert-in/out: nominal level  
Equalization (A - B)

• **Master outputs**  
Nominal level / max. level  
Insert-in/out: nominal level  
Frequency response  
THD  
SNR  
Stereo graphic equalizer

• **L/R Tape in-out:** Nominal levels

• **Headphones:** Load impedance

• **Dimensions:**

• **Weights:**

**SX17: 8 / SX18: 12 / SX19: 20**  
- 60dB / 2,2 kW  
- 30dB / 33 kW  
48 V (on 4 ch.in Sx17 and SX18; on 6 ch 30dB  
-128dB  
H.F ±15dB @ 15 kHz  
M.F (freq) 0,18 \_3 kHz  
M.F (level) ±15dB  
L.F ±15dB @ 50 Hz

**4**  
- 60dB / 2,2 kW  
- 48dB / 10KW  
34dB  
-128dB  
H.F ±15dB @ 15 kHz  
M.F ±15dB @ 600 Hz  
L.F ±15dB @ 50 Hz

**2 x 205 stereo effects**  
24 bit Delta-Sigma conversion  
56 bit  
40Hz - 15kHz  
< 0,06 %  
> 104 dB

**2 - 4**  
-10dB

**2**  
-10dB

**2 - 4**  
0dB / +22dB  
0dB  
H.F ±15dB @ 15kHz  
M.F (freq) 0,18 \_3kHz  
M.F (level) ±15dB  
L.F ±15dB @ 50Hz

**L/R, C. Room, Mono**  
0dB / +22dB  
0dB  
20Hz - 30kHz, (± 2dB)  
< 0,03%  
> 80dB (nom.levels, EQ flat)  
31-63-125-250-500 Hz,  
1-2-4-8-16 kHz / ±12dB

In: - 20dB Out: -10dB

200 - 600W

SX 17: 62 x 10,5 x 56,2 cm  
SX 18: 73 x 10,5 x 56,2 cm  
SX 19: 95 x 10,5 x 56,2 cm  
SX17: 13 kg  
SX18: 16 kg  
SX19: 19 kg