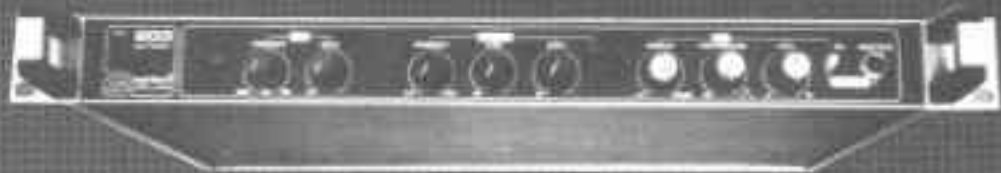


# PHASER 203

THE  
SILENT  
MACHINE



100 dB  
DYNAMIC RANGE  
PHASE SHIFT  
>2000°



synton®

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The Synton 203 Phaser is an effect unit based on the technology of the famous Synton 903 Phaser, which can be found in almost any well-equipped recording studio all over the world.

The 203 basically follows the concept of the 903 but offers a larger phase shift (2000 degrees) and an extended control system. It offers the advantages of an analog phasing system with respect to headroom and signal-to-noise ratio, both specifications being superior compared to digital or bucket brigade phasing and flanging devices.

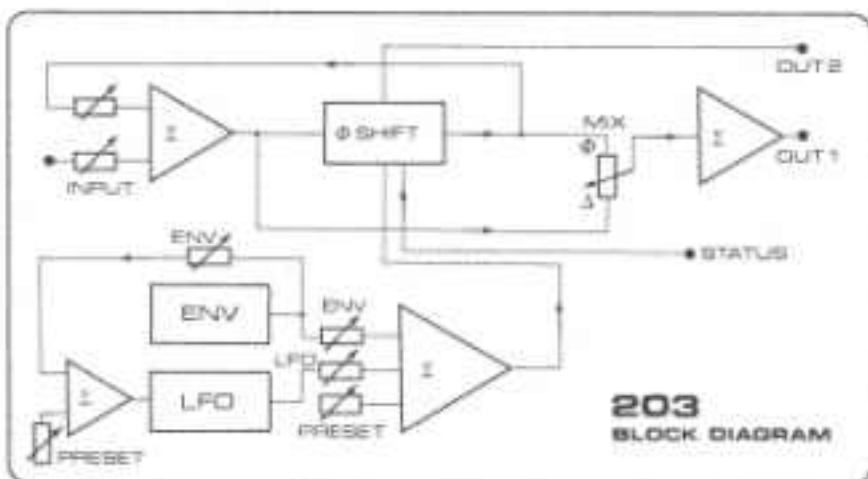
For optimal performance with all kinds of program material a "Mix" facility has been built-in. This control allows delicate balancing between direct feed and delayed signal. It also provides selection of the effects phasing and vibrato.

The feedback control provides bandfilter action of the unit. This bandfilter effect can be mixed with all other obtainable effects of the 203.

One of the most advanced features of the 203 is the unique control section. Next to the almost classical built-in low frequency oscillator (LFO) the 203 also contains a dynamic envelope follower (ENV). This envelope follower adjusts automatically to any input signal larger than -20dBm for maximum control voltage output.

The control voltage output of the envelope follower is also routed to the control input of the low frequency oscillator. This facility is very useful for making vibrato effects with decaying vibrato speed.

Status control can be achieved with the front panel switch or with an external foot switch. The Status control also resets the LFO. Phasing action will always start at the same point when the effect is switched on again.



Max. phase shift	2100 degrees
Frequency response	20 Hz ... 18 kHz - 1 dB (feedback control flat)
Input sensitivity	0 dBm
Nominal output level	0 dBm
Headroom	+ 20 dBm
Noise	-80 dBm (Din Audio) typical
Low frequency oscillator	0.05 Hz ... 10 Hz approx. sine wave
Envelope follower	-20 dBm for maximum output
Power requirements	110/220 VAC
Fuse	0.5 A
Case	19" rack mount - 44 mm
Back panel connectors	XLR
Foot switch connector	Jack 6.25 mm

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