

Specifications for Variable Band-noise Oscillator MODEL OFV - 552

1 . GENERAL DESCRIPTION

As for this vessel, with cutoff frequency of high pass filter and the low pass filter and the variable filter which can set the slope white noise and pink noise the internal organs are done in signal source and they are possible to make band noise freely. Because it builds in also the clipper circuit, the crest factor can be set freely. When external input is used, you can use as variable band pass filter.

2 . SPECIFICATIONS

Filters : High Pass Filter and Low Pass Filter

Filter Characteristics : Butterworth

Slope : 4 Steps, - 6 dB, - 12 dB, - 18 dB, - 24 dB/oct

Cut-off Frequency Range : 20 Hz to 20 kHz

Cut-off Frequencies : 999×0.1 、 999×1 、 999×10 、 200×100 (Hz)

Signal Sources : White noise (20 Hz to 20 kHz)

Pink noise (20 Hz to 20 kHz)

External input

Clipper : RMS value : Peak value 1 : 2
(With pink noise from octave 20 Hz to 20 kHz)

Gain and control : 2 steps of 0 dB, 20 dB, and continuous variable

S/N Ratio : More than 60 dB to 1 V

Input voltage : 5 . 6 V p - p (Impedance : 1 0 0 k)

Output voltage : 2 0 V p - p (Impedance : 6 0 0)

Operating Temperature and Humidity : 1 0 ~ 4 0 1 0 % ~ 9 0 %

Power consumption : Approx 1 0 W

Power Requirement : 1 0 0 , 1 1 0 , 1 2 0 , 2 0 0 , 2 1 0 , 2 2 0 , 2 3 0 and 2 4 0 V AC

One of above voltage is set at the factory at the shipment from the factory accordance with user's requirement.

Dimensions and weight : 3 4 0 (W) × 1 2 0 (H) × 2 7 0 (D) mm
Approx 5 kg

Accessories : A C Power cord 1 pc

B N C - chip plug cable 1 pc

3 . EXTERNAL VIEW

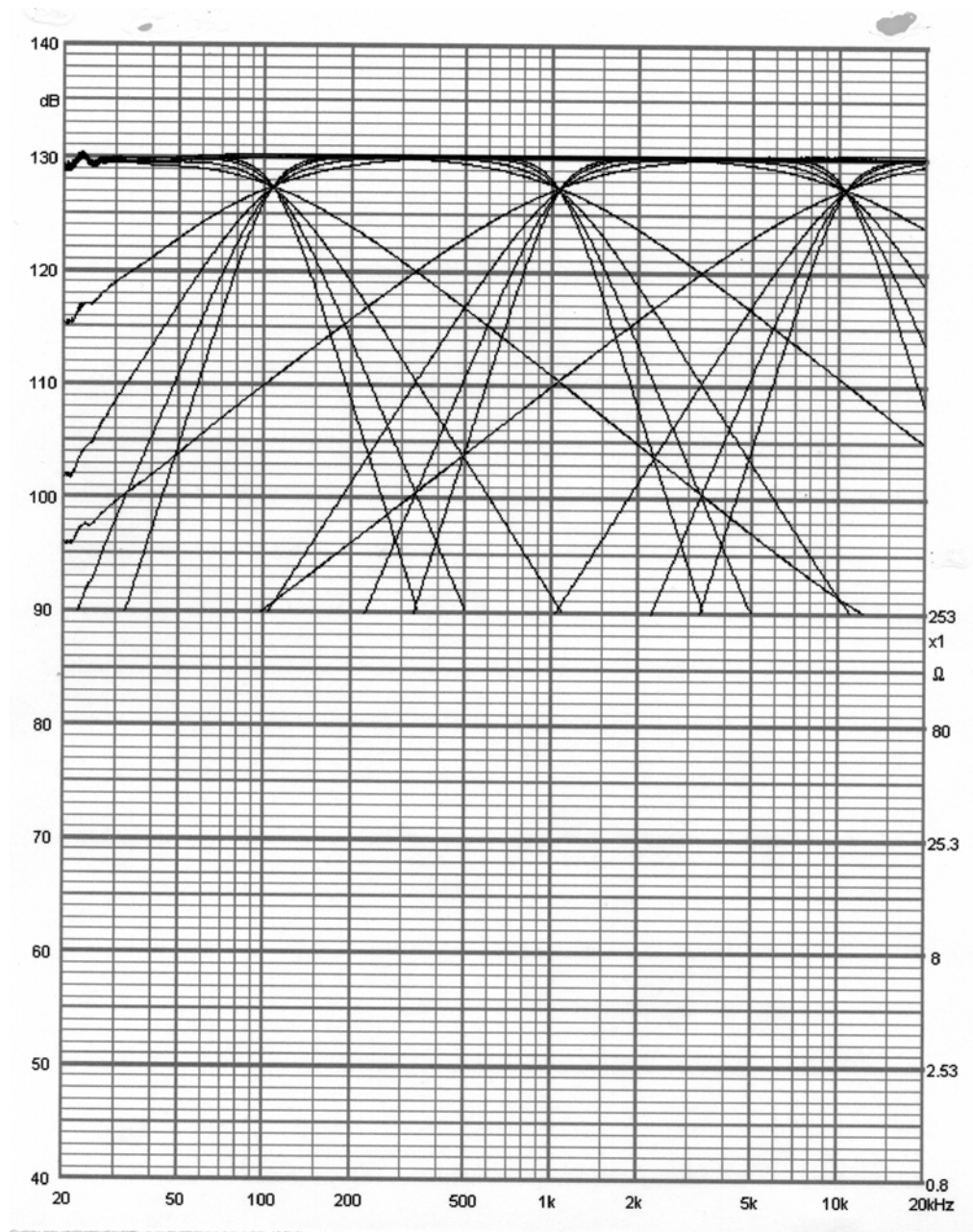
【Front panel】



【Rear panel】



4 . Quality chart



Specification appearance for improving are times when it modifies without notice.