

PROGRAM CONTROL

Applies to the PROGRAM OUTPUTS.

FREQUENCY and WIDTH control the VCAs Associated with the 16 bandpass filters.

Unattenuated CV inputs accept all voltage levels. Controls apply offsets to applied CV.

ODD and EVEN input gain controls can be fully attenuated and offer some degree of transistor overdrive beyond 60% of control rotation.

SPECTRUM TRANSFER: Dynamic control of ODD/EVEN VCAs via the ENVELOPE FOLLOWER OUTPUTS.

Transferred envelope CV sums with FREQ and WIDTH. Turn FREQ. and WIDTH to minimum for 100% spectral transfer.

- VOCODER PATCH EXAMPLE:**
1. Turn FREQ. and WIDTH to minimum.
 2. Patch a modular amplitude level microphone to ODD Input.
 3. Patch a VCO into EVEN Input.
 4. Patch out of the EVEN PROGRAM OUTPUT.
 5. Set SPECTRUM TRANSFER to O>E.
 6. Set DECAY to SHORT.
 7. Speak into Mic and adjust ODD/EVEN AMP levels
 8. Adjust Sliders to shape the sound.
 9. Try patching Mic to EVEN, VCO to ODD, SPECTRUM TRANSFER to E>O, and output from ODD PROGRAM OUT.

SIGNAL INPUTS

Normalized inputs to the ODD and EVEN sequential bandpass filters.

PROGRAM INPUTS

Applies to PROGRAM OUTPUTS. Individual, direct VCA CV inputs for the bandpass filters.

PROGRAM/EQ LEVEL

Applies to PROGRAM and EQ OUTPUTS. Controls level and gain of the individual bandpass filters.

BANDPASS OUTPUTS

Direct outputs of the bandpass filters.

ENVELOPE OUTPUTS

Direct Envelope Follower outputs of the bandpass filters.

DECAY

Decay time select for the envelope followers.

PREFADER OUT

Direct summed output of the bandpass filters.

EQ OUT

Level controlled, summed outputs of the bandpass filters.

PROGRAM OUT

Direct summed output of the program controlled bandpass filters.



SPECIFICATIONS:

40HP, 23mm Deep

-76mA, +85mA Idle Power

-83mA, +155mA Max Power