

# F or Deep Bass You Can Feel

## 120X-DS

### Subharmonic Synthesizer

Have you ever been thrilled by the powerful drive of music played at a club and wondered why your own stereo can't recreate this excitement? Can't bring out bass that you can feel as well as hear?

Now you can—the same unit used by many clubs is now available to you. It's the dbx 120X-DS Subharmonic Synthesizer.

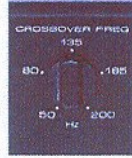
What the 120X-DS does is put back those frequencies of LPs, video, and FM and TV broadcasts—even some CDs! The reason they do this is that very low frequencies are difficult to record and broadcast. Even Compact Discs will benefit from the augmented deep bass, enhancing.

How does the dbx 120X-DS operate? It samples all bass frequencies between 54Hz and 110Hz, synthesizes corresponding frequencies one octave lower (frequencies between 27Hz and 54Hz), and mixes them back into the music. Thanks to this re-creation of the natural harmonics that were taken out during the recording and mastering process, or were otherwise lost before they reached you, music takes on new life, new power. It has to be felt to be believed.

For flexibility, the unit is equipped with four controls to individually adjust levels at 28Hz, 34Hz, 40Hz and 50Hz frequency ranges. This means, whatever type speaker systems you use, or whatever size, the controls permit synthesis of the optimum amount of subharmonics.

And if you plan to add on a subwoofer system, you'll find the 120X-DS to be just the thing: it operates as an electronic crossover filter, with an output for low frequencies to drive a subwoofer amp. And since the 120X-DS has a level control and a crossover control to vary the crossover frequency over a 50 to 200Hz range, you can easily balance low-frequency output

against the higher frequencies being handled by your amplifier or receiver in an elaborate 3D system or biamped system.



Crossover control knob