

v1.0

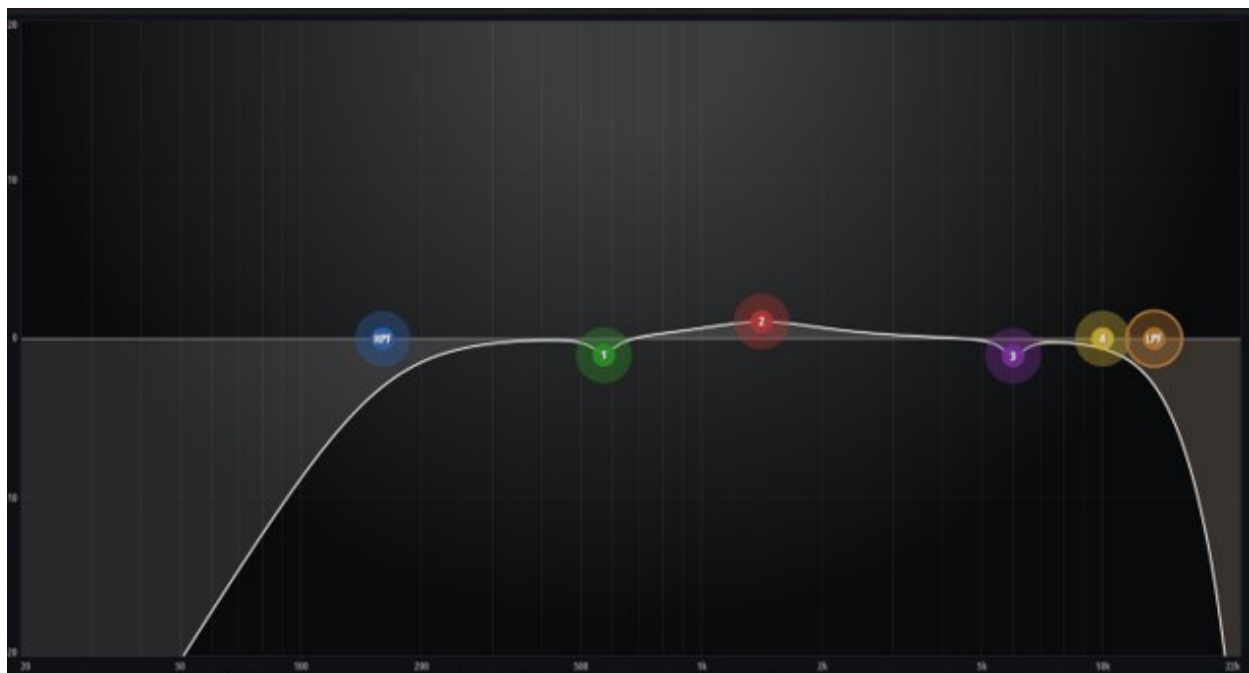
IRX EQ Presets

20-Feb-23

What are the filter values for the EQ Presets?

The IRX Series of loudspeaker has four built-in EQ presets plus Bass Boost. These are the filter values with a graphical plot of the curve:

Speech



HPF at 160hz, 12dbu slope.

Cut at 570hz, 5.05Q, -1 db

Boost at 1.4k, 1.0Q, +1 db

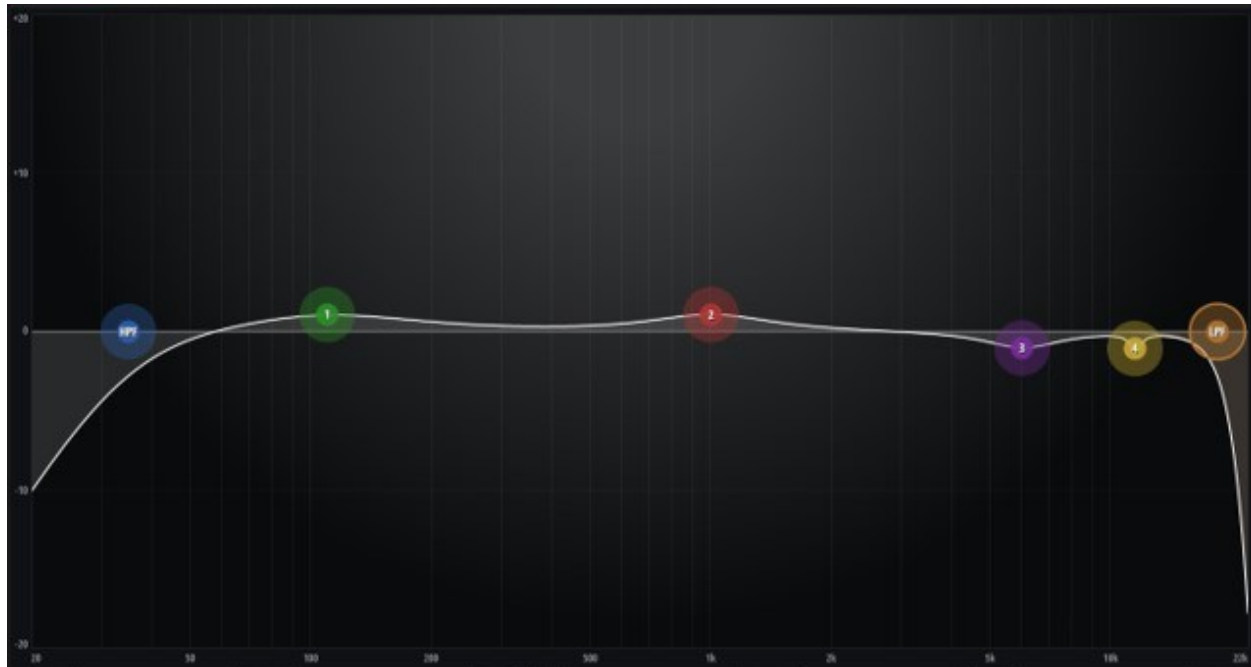
Cut at 6k, 5.75Q, -1 db

LPF at 13.5k, 12dbu slope.

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Music



HPF at 35hz, 12dbu slope

Boost at 110, 0.7Q, +1db

Boost at 1k, 1.1Q, +1db

Cut at 6k, 1.66Q, -1.0db

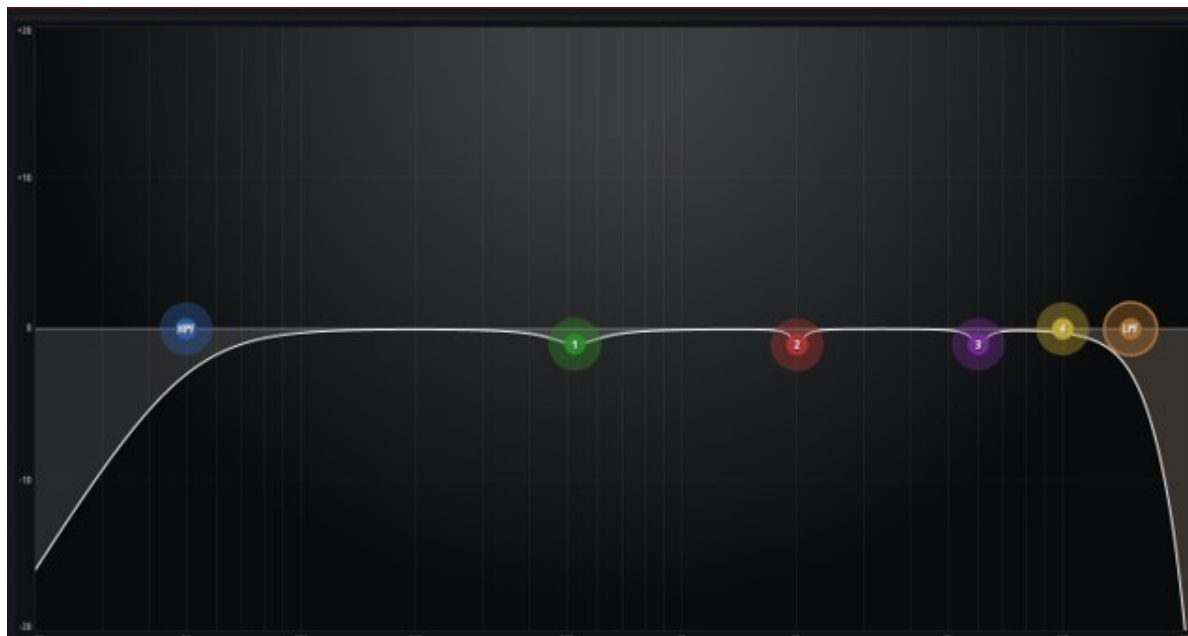
Cut at 11.5k, 10.9Q -1.0db

LPF at 18.5k, 12dbu slope

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Vocal (Performance)



HPF at 50hz, 12dBu slope

Cut at 525hz, 2.67Q, -1 db

Cut at 2k, 11.5Q, -1db

Cut at 6k, 8.5Q, -1 db

LPF at 15k, 12dBu slope

Flat

No EQ. Return all EQ parameters to “flattened” state.

Bass Boost

Shelf EQ, Boost 3db at 120hz.

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