



HIFONICS

M-CONTROL 2



The new **HiFonics** DSP-Software

- Visual clearly improved
- Larger presentation on the computer
- All important functions on the main screen



Freely configurable In- and Outputs

Channel Setting

Input

Channel Setting

INPUT	OUTPUT	SPEAKER TYPE
FL	A	Tweeter
FR	B	Tweeter
FL	C	Midrange
FR	D	Midrange
RL	E	Midwoofer
RR	F	Midwoofer
SUBL	G	Subwoofer
SUBR	H	Subwoofer
FL+FR		
FL+RL		
FR+RR		
FL+RL+SUBL		
FR+RR+SUBR		
FR		

MIX 2CH 4CH 6CH

Output

Channel Setting

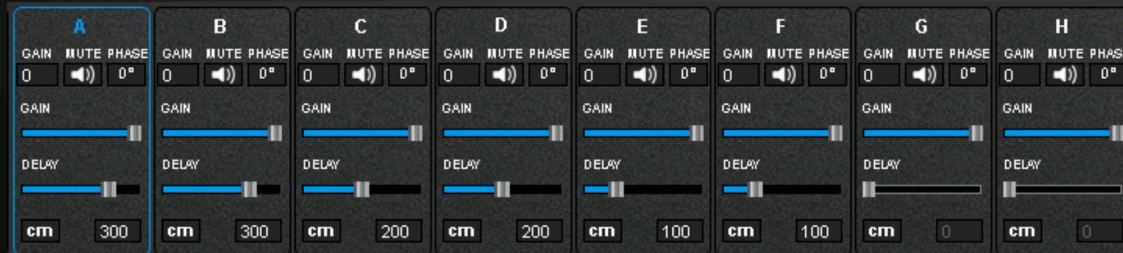
INPUT	OUTPUT	SPEAKER TYPE
FL	A	Tweeter
FR	B	Tweeter
FL	C	Fullrange
FR	D	Tweeter
FL	E	Midrange
FR	F	Midwoofer
FL	G	Subwoofer
FR	H	Subwoofer

MIX 2CH 4CH 6CH

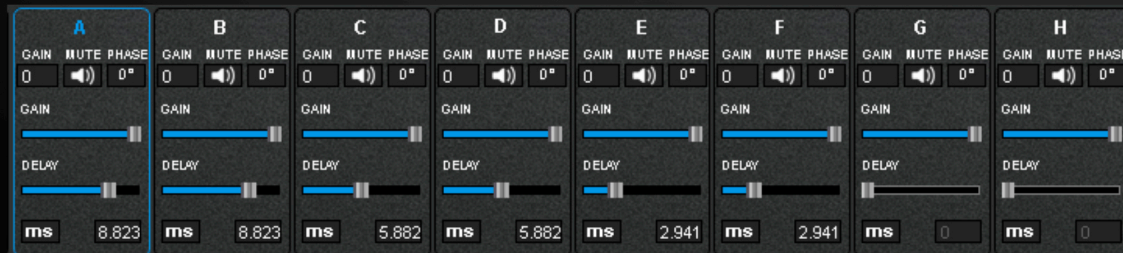
Runtime Correction

Time Alignment

1. Measure all distance to the loudspeakers and enter them into the corresponding input field.
2. Press „DelayCalc“ – Done!

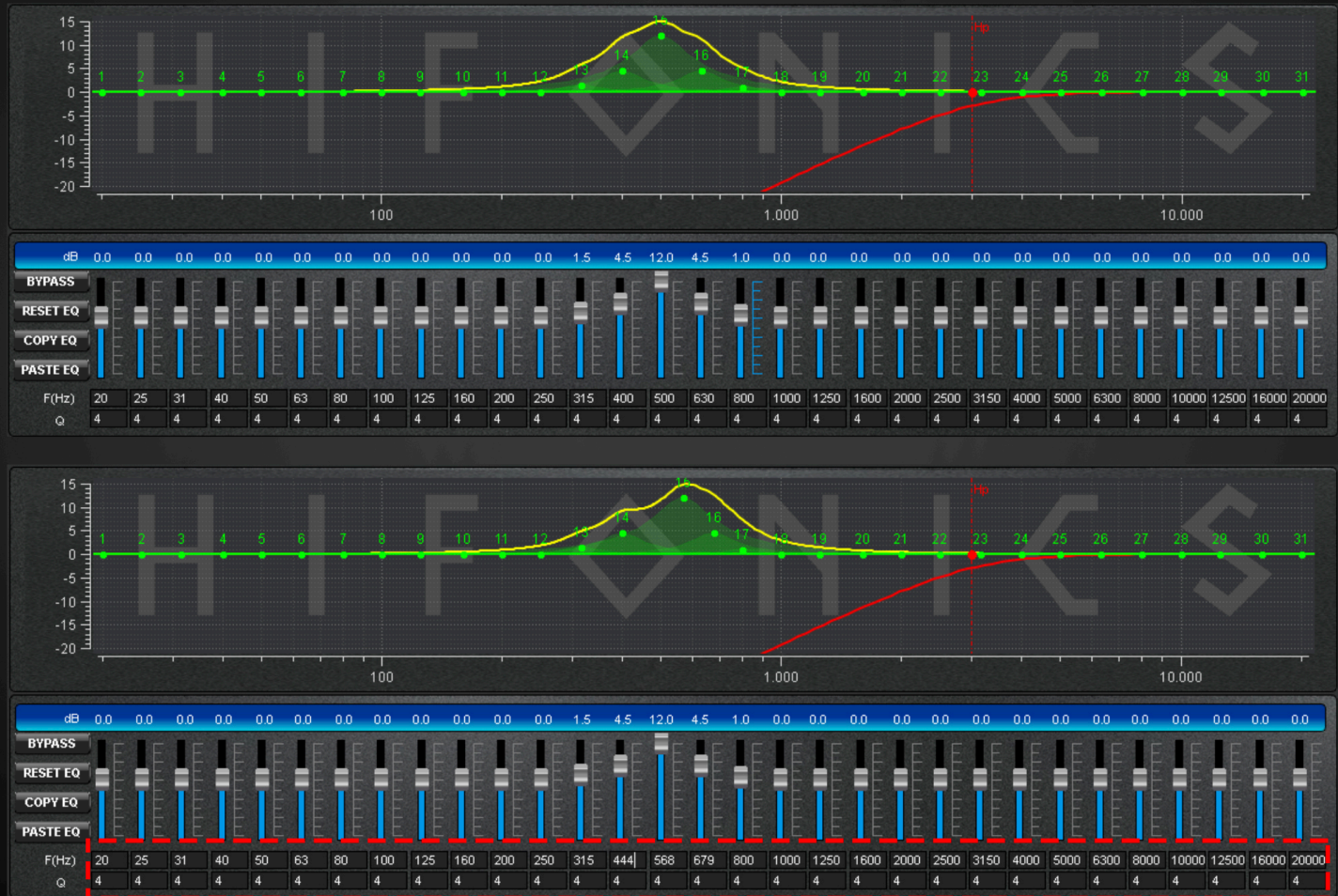


Then the X-CONTROL 2 software calculates the appropriate parameters and automatically transfers them into the respective channel from A to H.



By clicking on the „CM“ field, the unit for „DELAY“ can be switched from centimeter to millisecond.

New: Parametric 31-band equalizer



In the field **F(Hz)**, the desired frequency can be adjusted in an exactly way.

The benefits of the Parametric EQ compared with the graphical EQ

In the case of a graphic equalizer, the frequencies are fixed, typically at a 1/3 octave distance. Corrections between these fixed frequencies are difficult or impossible to handle.

In the Parametric Equalizer, each Frequency between the 1/3 octaves is freely adjustable. Has the system, for example a frequency hole in the range around 2800Hz, that is between the pre-set frequency 2500 Hz and 3150 Hz, the Parametric EQ can now be used to set and change exactly this frequency in this range. Simply put, with the Parametric EQ the frequency response can be influenced much more precisely and finer, which results in a much better sound image.

Q-Factor: In addition, the bandwidth of the boost or cut-off can be set per frequency band via the setting of the filter quality. A high quality (Q) results in a narrowband („steep“) filter, a low Q-factor stretches the bandwidth very far. Values can be set between 0.5 and 9 - the default value is 4.

New Function „COPY EQ“ & „PASTE EQ“



With the „**COPY EQ**“, a setting of the equalizer can be copied and transferred via „**PASTE EQ**“ to any other channel.