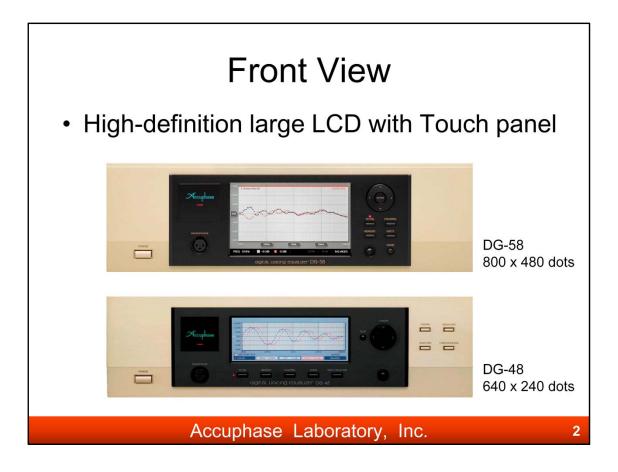
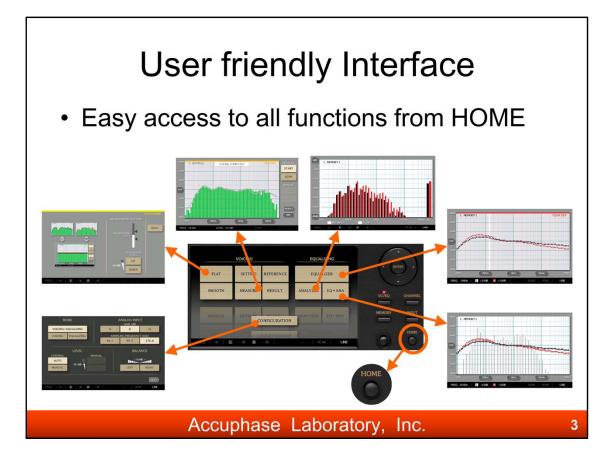


The DG-58 is a 4<sup>th</sup> generation Digital Voicing Equalizer featuring Accuphase original extremely sophisticated digital signal processing technology.

The manipulation, electric and sound performance of DG-58 are tremendously improved from DG-48.



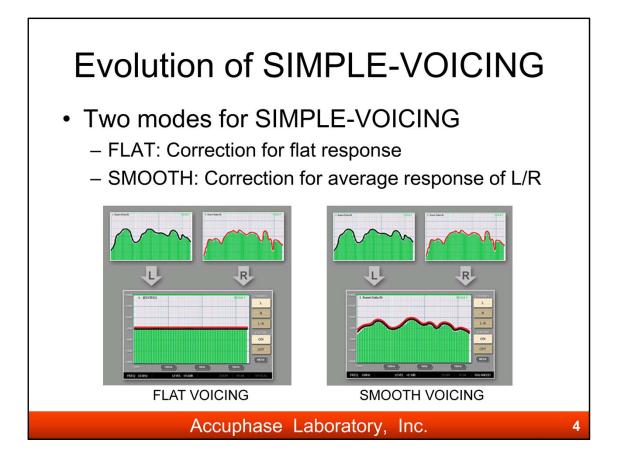
By adopting High-definition large LCD with Touch panel, the visibility becomes clear and the operation by Stylus Pen gets very easy.



Home button is placed on the front panel.

You can return HOME position from every screen by HOME button.

All the functions are easy to access from the Home position.



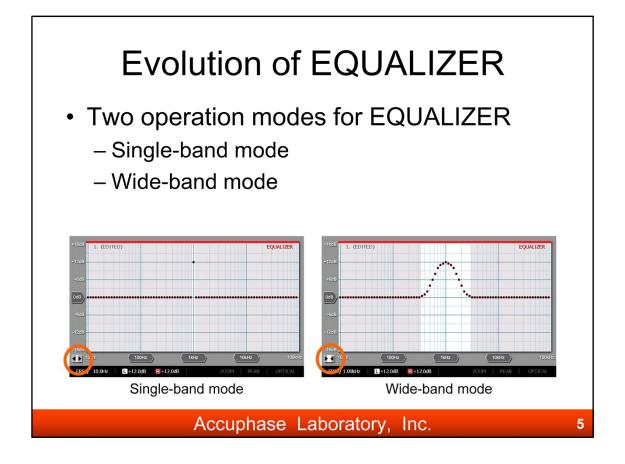
The function 'SIMPLE-VOICING' on DG-48 can make the sound field compensate to flat response by setting the measurement microphone.

DG-58 has two modes of SIMPLE-VOICING. One is "FLAT" and the other is "SMOOTH". FLAT corrects sound field into flat response. SMOOTH corrects sound field into average response of right and left channel.

FLAT can be the ideal sound field but music sometimes sounds harsh.

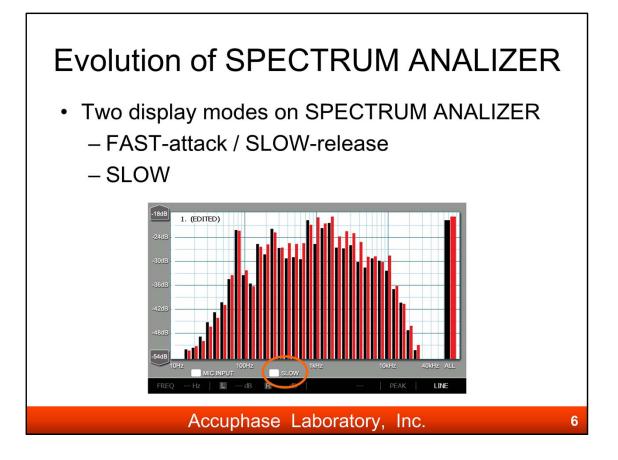
SMOOTH hardly changes frequency response and coordinates with only the response of right and left channel.

It can give you natural sound stage.



DG-58 has two types of operation mode for EQUALIZER. Single-band mode is to set precisely like an ordinary graphic equalizer.

Wide-band mode is to set the frequency band smoothly like a parametric equalizer.



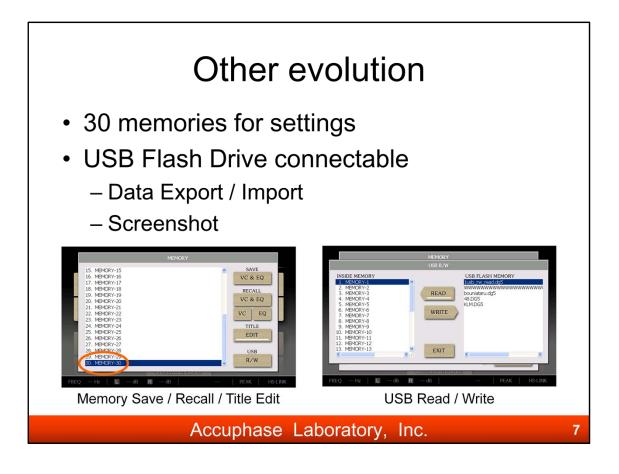
SPECTRUM ANALIZER has two display modes.

FAST-attack / SLOW-release is the mode that each frequency element immediately picks up the peak and slowly damped.

It is just like needle-type power meter on Accuphase power amplifiers.

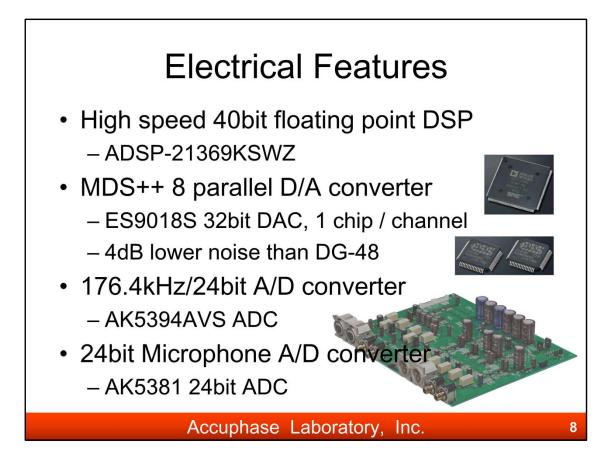
SLOW is the mode that displays the average level of music.

Whole music volume level can be easily recognized as the peak is averaged.



DG-58 is capable to memorize 30 settings. Sound stage correction result, measurement data, equalizer-setting situation can be memorized. DG-48 memorizes 20 settings.

You can export the contents of memory to USB Flash Drive and import the setting from USB Flash Drive. Due to this, backup of the data or copy and move the setting to other DG-58 can be made. Also you can get the screenshot of bitmap file to USB Flash Drive.



High speed 40bit floating point DSP, ANALOG DEVICES' ADSP-21369KSWZ is employed.

DG-58 features MDS++ D/A converter method developed by Accuphase.

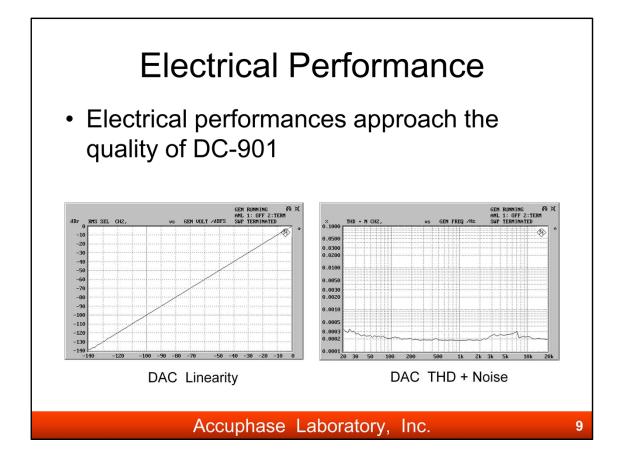
8 D/A converters (ES9018S 32bit) per channel are driven in parallel. This is as same as the flagship SA-CD player, DP-720.

DG-48 employs 6 D/A converters (AD-1955 24bit) driven in parallel. The noise becomes 4dB (63%) lower, comparing to DG-48.

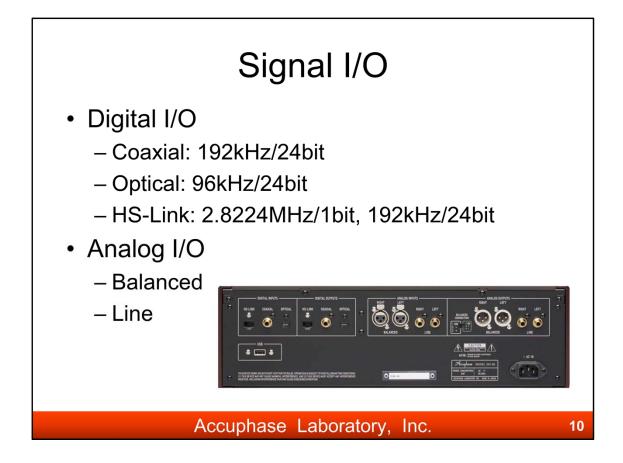
Regarding ADC chip, AKM AK5394AVS is featured instead of TI PCM4202 in DG-48.

Due to this, the accuracy of A/D conversion is improved.

A/D converter for microphone is shifted from 16 bit ADC AK5355 in DG-48 to 24 bit ADC AK5381 to convert the measurement signal. This achieves the dynamic range 15dB higher and the measurement accuracy is remarkably progressed.



The electrical performances of DG-58 approach the quality of DC-901.



DG-58 is equipped with 3 kinds of digital input/output and 2 kinds of analog input/output.