DSP6900 Digital Karaoke Processor

Features

▼Professional 200MHz main frequency, 48KHz sampling frequency, 24 bit A/D and D/A converter, 32 bit processor;
▼6 balanced output channels, music stereo, ±7 levels Hi-Fi key controls;
▼Independent 10 bands PEQ for A/B way MIC, Limiter for MIC inputs avoids cracked sound effectively.
▼7 bands PEQ for Music;
▼5 levels Feedback;
▼REC output;
▼USB interface are available for PC software;
▼6 groups of preset, 6 groups of user setting and 1 group of Hot-dance data.The boot state is the last saved parameters;
▼Singing/Hot-dancing mode switches automatically;
▼2 levels Panel lock function to avoid any misoperation.

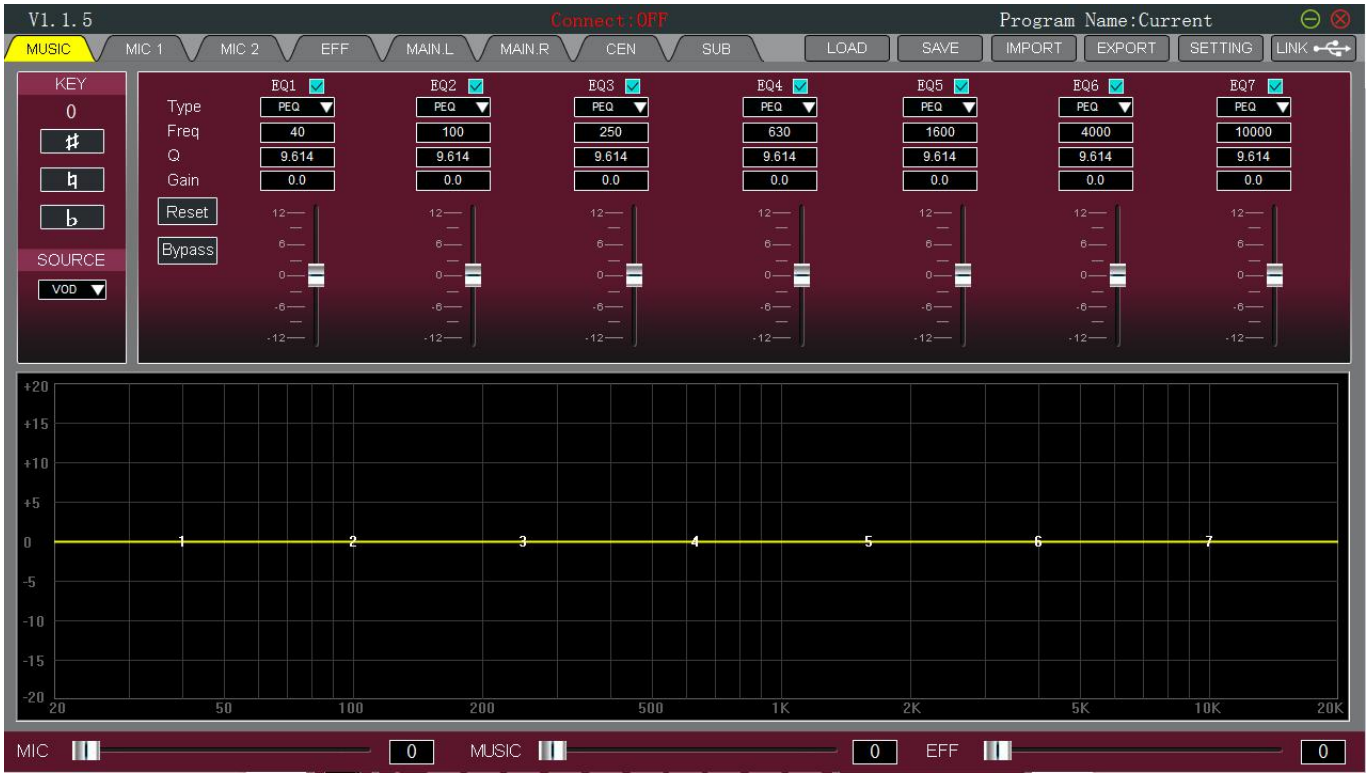
Application：

KTV, Club, multi-function hall, Household Karaoke, Conference room

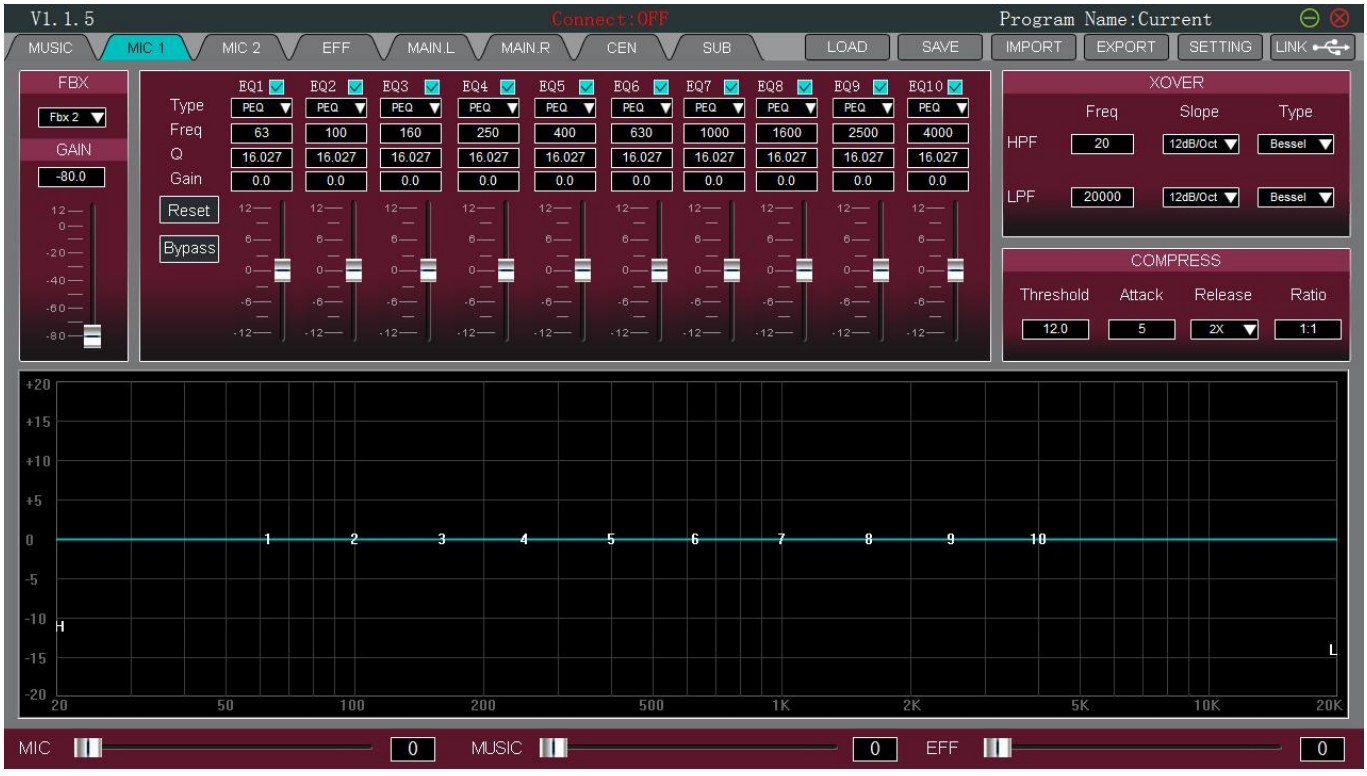
HMaudio — — Professional Manufacturer of Karaoke Processor, Professional Audio Processor, Power Supply Sequencer, Intelligent Mixer, Digital Karaoke Amplifier, Digital Equalizer, Feedback Exterminator and DSP Module Board.

PC Interfaces

Music



MIC



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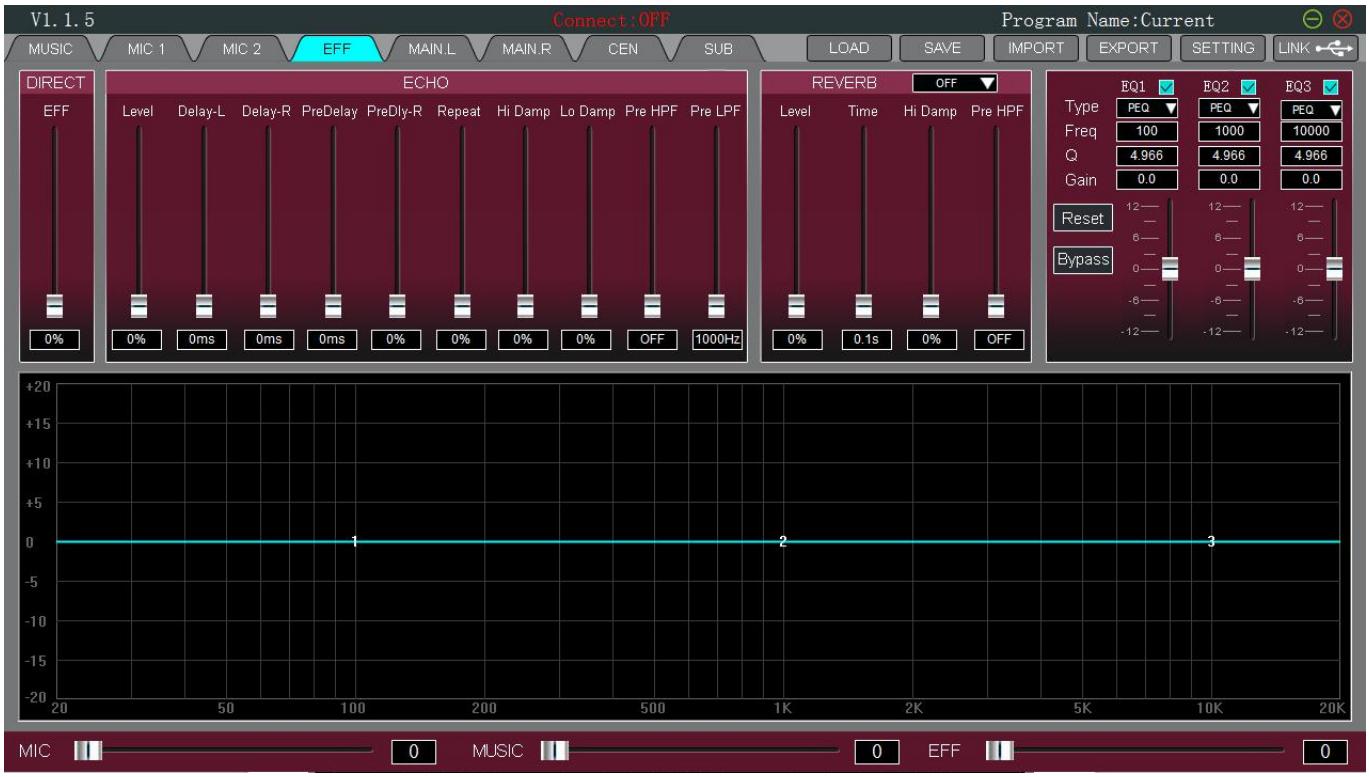
Effect



Technical Parameter

Model	**DSP6900**	
Output channel	**Main Left, Main Right, Center, SUB, SURR Left, SURR Right**	
S/N R	**MIC**	**95dB**
	Music	**105dB**
THD	**MIC / Music**	**0.05% / 0.06%**
Max Input Level	**MIC**	**200mV**
	Music	**1.5V**
Max Output Level		**3Vrms**
Sensitivity	**MIC1: 10mV**	**MIC1: 20mV**
	Music	**VOD:150mV / DVD: 300mV**
Input Impedance (Ω)	**MIC**	**10K (Unbalanced)**
	Music	**47K (Unbalanced)**
Output Impedance (Ω)	**300 (Balanced), 1K (Unbalanced)**	
Crosstalk of	**80dB**	
Feedback	**5 Levels**	
Gross Weight	**2.9 KG**	
Package Dimensions	**540*250*90 （mm）**	

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