

## D6573 Feedback Suppressor



### Features

- 64/128 SuperSampling, 24-bit A/D and D/A conversion, high resolution
- Each track allows automatic search for 12 channel feedback, intelligent processing
- Prompt and easy default processing and complete feedback suppression performance
- In single-point mode, the device will automatically search for and lock notch frequency until the device is manually reset or reconfigured.
- In manual mode, the user can set all parameters of 2×12 filters, including their frequency and Q value, etc.
- Servo balanced input and output, gold plated XLR and TRS terminals
- Two modes (SING and AUTO) available on each filter
- Two parallel processing modules, the left and right channel may be adjusted independently or in parallel.
- 24-bit high-performance DSP, ensuring signal resolution and dynamic range
- Soft start of switches, free of knocking sound, noise gating function
- Backlit 2×16 character LCD
- 2×8LED level display, capable of displaying input or output level
- High-quality SMD components and automatic SMD welding and online testing technologies ensure high quality and reliability of the product.
- Specialized internal power supply system.

### Description

D6573 is a digital automatic feedback suppressor with high performance price ratio. The device allows storage of 10 groups of data for needs of tone quality control in 10 different scenarios. During suppression process the attenuation range may be as low as -48dB. When feedback is detected, the local device will quickly and automatically analyze and lock the feedback frequency by using its advanced DSP algorithm and determine the frequency point, frequency bandwidth and attenuation of the notching filter, and will save the processing results. Since the device is able to control the frequency bandwidth of notching filter and only feedback signal is filtered, the music signal is in no way damaged and the device can provide very high acoustic fidelity.

## *Description*

Item		Index parameters
V.	Connectors	XLR and 1/4" jack
	Type	Servo balanced input
	Resistance	40k $\Omega$ balance, 20k $\Omega$ imbalance
	Rated working level	-20dB~+4dB
	Maximum input level	+16dB (at rated level of +4dB), +2dB (at rated level of -20dB)
Analog output	Connectors	XLR and 1/4" jack
	Type	Electronic servo balanced output
	Resistance	66k $\Omega$ balance, 33k $\Omega$ imbalance
	Maximum output level	+16dB (at rated level of +4dB), +2dB (at rated level of -20dB)
Technical Specification	Frequency	20Hz-20kHz( $\pm$ 1dB)
	Noise	>-95dB, A weighting (20Hz-20kHz)
	THD	0.0065% typical, 0Db, 1kHz
	Cross	<-95dB , (20Hz-20kHz)
DSP	Converter	24bit, 64/128 supersampling
	Sampling rate	48kHz
	Monitor	2 $\times$ 16 character backlit display
Power source		90V-250V AC
Fuse		F1AL/250VAC
Power consumption		10W
Power cable		Standard IEC socket
Dimension		45mm $\times$ 482mm $\times$ 152mm
Net Weight		2kg
Gross weight		3.1kg