

HPA-0202DP/20 Feedback Suppressor



Features:

- Apply to local and Teleconferencing congress system
- High-performance DSP processor, cutting edge feedback suppression and echo cancellation algorithms suppress acoustic feedback effectively, for making fast processor speed and good sound quality
- AI algorithm with strong self-learning ability, effectively filter out room reverberation to achieve the purpose of eliminating acoustic feedback, and greatly improve the timbre difference between through and feedback processing
- 48 kHz audio sampling
- Line In/Out: Use for Live audio signal input/output
- VCS In/Out: Use for Teleconferencing audio signal input/output
- Build-in Adaptive Feedback Cancellation(AFC)and Automatic Echo Cancellation(AEC)switch
- According with the environment, the automatic adaptive filter adjust amount of computation to achieve best performance, get extra 12dB gain before acoustic feedback happens
- Adopt self adaptive full duplex and all frequency bands echo elimination algorithm
- Adaptive noise cancellation algorithm, which can filter out background noise without affecting the speaker's voice, the 15 dB noise reduction effectively improve the signal-to-noise ratio to improve the sound quality
- More detailed settings are possible with the TSW-0202DP parameter setting tool
- Widely used in on-site conferences, remote conferences, teaching and other application scenarios that need to increase the ambient sound pressure and prevent the system from whistling

Specifications:

Frequency response	100 ~ 20000 Hz
Sampling Rate	48 kHz
SNR	≥ 105 dBA
THD	≤ 0.3%
Input impedance (balanced)	10 kΩ
Output impedance (balanced)	1 kΩ
Feedback suppression time	≤ 400 ms
Signal delay	≤ 11 ms
Noise cancellation	≤ 15 dB
Echo cancellation capability	≥ 65 dB
Power supply	AC 100 V - 240 V, 50 Hz/60 Hz
Max. consumption	5 W
Color	Black box with silver gray panel
Dimensions (h x w x d)	480 x 295 x 48 mm (tabletop, with feet) 480 x 295 x 45 mm (19" rack installation)
Weight	4.0 kg

HPA-0202DP/20.....Feedback Suppressor (2 in 2 out, supports AFC, AEC, Type-C USB control port)