

ANF (Automatic Noise Filter) STC-H156

Professional Stand-Alone Noise Filtering Device

Applications

This compact mobile device provides real-time noise filtration, enhances speech clarity transmitted through communication channels or recorded in severe noise environment. Specifically designed for field usage by:

- ◆ Law enforcement, justice system, police, intelligence services;
- ◆ Security & emergency services;
- ◆ Forensic Audio Laboratories and Universities

Functional Overview

- ◆ One-, two-channel adaptive filtering in time domain:
 - Adaptive spectrocorrection
 - One-, two-channel interferences and distortion compensation
 - Pulse-like hindrances filtering
 - Harmonics (tones) suppression
 - Timbre correction (loudness)
 - Adaptive broadband noise filtering
- ◆ Combined filtering
- ◆ Can be connected between telephone set and headset
- ◆ Several filters can be used simultaneously
- ◆ High efficiency against most noise types, interferences and signal corruptions, as:
 - noise and hindrances in communication channels and audio recordings,
 - street and room noises,
 - engine and other equipment noise,
 - slow music,
 - power hum,
 - hiss and rumblings,
 - room reverberation and echo effects
- ◆ Substantial decrease of noise influence at two-channel signal input
- ◆ On the fly adjustment during input and playback
- ◆ Mobile and robust construction

Advantages

- ◆ Universal noise filtering and speech enhancement in field conditions
- ◆ Real-time operation: Filtering parameters are tuned during signal input and playback with instant control 'by ear'
- ◆ Automatic adjustment to the interfering noise
- ◆ Compact, flexible, multi-functional
- ◆ User-friendly interface, no special training needed
- ◆ Ease and comfort in signal processing & listening
- ◆ Slim design
- ◆ High computing power
- ◆ Self-sufficiency is ensured with:
 - LCD displaying processing parameters
 - Can be powered by standard power supply, car or other external battery

ANF STC- H156 View

