

FC101

Introducing Feedback Cancellation Technology



Any sound system with open microphones and speakers has the potential for feedback as gain is increased. WideBand Solutions solves system stability issues with new anti-feedback technology found in the FC101.

Feedback cancellation technology provides an additional 10dB of gain at the start of feedback. The technology replaces older methods that attenuate or notch feedback frequencies. The result is untouched sound fidelity with consistent performance in the most difficult environments.

APPLICATIONS:

- Conference Rooms
- Training Rooms
- Boardrooms
- Hotels
- Courtrooms
- Distant Learning Classrooms
- Auditoriums
- Houses of Worship

The FC101 is ideal for microphone mobility including wireless microphones. The Feedback Canceller™ self adapts to changes in the system and the environment. Direct microphone and speaker coupling at a short distance is possible without compromising stability. This adaptive technology even responds to changes in temperature and humidity.

The FC101 provides noise reduction (NR) and automatic gain control (AGC) to improve speech intelligibility. The NR filter reduces up to 15dB of steady-state noise typical from HVAC or projectors without affecting speech. AGC increases gain for soft talkers and lowers gain for louder talkers. The AGC filter is ideal for maintaining comfortable listening levels from handheld or lapel microphones. NR and AGC filters are selected from the front panel.

The FC101 offers the best feedback insurance in the industry. Learn more at widebandsolutions.com.

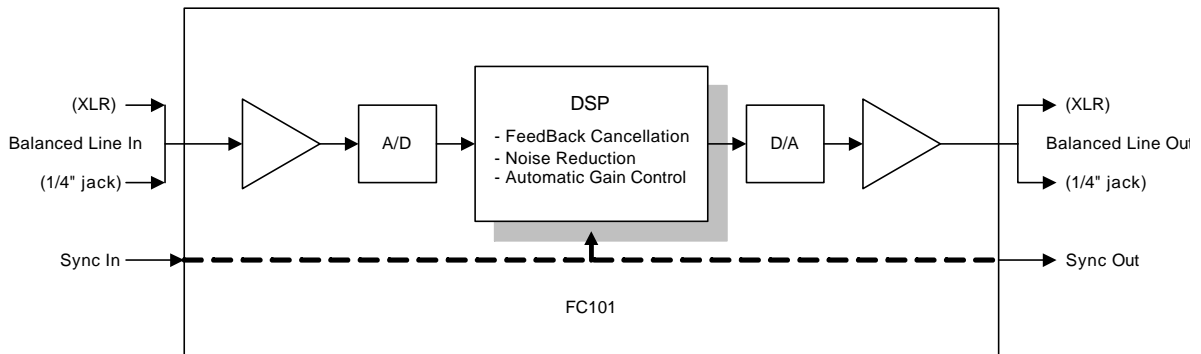
Feedback
Canceller™

- WideBand Solutions, Inc.-



Dimensions.....1.5”H x 19”W x 8”D
 Frequency Response.....20 Hz to 20 KHz
 Feedback Cancellation (gain improvement).....≥ 10dB
 Background noise reduction.....15dB
 AGC range.....12dB, +/- 6db
 Input: Balanced Line Input.....0dB Nominal Level
 Input Impedance.....≥ 10Kohm
 Output: Balanced Line Output.....0dB Nominal Level
 Output Impedance.....50 ohms
 Power Supply.....AC 100V – 240V
 Line Input Level Indicator.....-18dB to +9 dB

Power Switch
 Bypass ON/OFF Switch and LED
 AGC ON/OFF Switch and LED
 Noise Reduction ON/OFF Switch and LED



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