

DIGITAL FEEDBACK ELIMINATION



Digital Feedback Terminator DFT120

The **DFT120** eliminates the acoustical feedback loop created by the telephone handset and the paging speaker while providing high-capacity, high-quality recording and playback of audio pages.

Product Features:

- High sampling rate for excellent playback quality
- Able to record a message while another is played
- Stacks up to 16 messages for playback
- 240 seconds of total audio memory
- Automatic or externally controlled unit operation for recording, play, and stop
- Activates recording by loop start trunk, 4-wire dry loop, audio trigger, or DTMF
- Digital recording and playback of pages, 60-second maximum message length
- Adjustable delay times between messages
- Message repeat, abort, stop, and pre-page tone option
- 8- or 600-ohm output impedances
- Zone control DTMF tones stripped from message and regenerated
- Easy installation and low maintenance
- Volume control
- Wall mountable
- Adapter included

Bottom View



Power Requirements	Dimensions	Product Weight
12V Power Supply (included)	10" W x 6-1/2" H x 1-1/2" D	2 lb.

Break the Feedback Loop

Acoustic feedback is the phenomenon that causes the annoying, high-pitched squeal that sometimes occurs in paging systems. Making a page in especially loud paging areas can be almost impossible because of acoustic feedback. Numerous ways of treating this problem, from re-aiming speakers to using special telephone mouthpieces, have been used with varying levels of success.

The DFT120 solves the problem of annoying feedback squeals once and for all by breaking the feedback loop that exists between the speakers and the telephone receiver. Every page is first digitally recorded and stored in memory. When the paging telephone is hung up, the DFT120 plays the recording back over the paging system, with no possibility of feedback.

Page Stacking

It is important to be able to record one page announcement after another without delay because paging announcements happen randomly. The DFT120 is designed for high traffic paging because of its ability to "stack" page announcements. New announcements can be recorded while an existing one is being played. In fact, the DFT120 can store up to 8 announcements at one time. Two separate banks of memory "ping-pong" between recording and playback to provide unimpeded access to the paging system.

Accessories



TAMB2
Telephone
Access Module

TONE GENERATOR

TG4C

The **TG4C** is designed to produce four different types of tones for use as alarm or announcement signals in paging systems. An audio signal can be routed through the TG4C to allow easy installation in paging systems. During generation of the tones, the routed audio will be suppressed.



Product Features:

- 4 types of tones: steady, pulsed alarm, slow whoop, and chime
- Tones triggered by external contact closure (*momentary or long duration*)
- Choice of continuous generation of tones or two-burst operation (*except for steady tone*)
- External audio signal can pass through the TG4C and is suppressed during tone generation
- Adjustable tone level & pitch
- 600-ohm output
- Tone generation reset available

Power Requirements	Dimensions	Product Weight
Wide power supply range, 12V to 48V DC @ 30 mA (power supply not included)	6-3/4" W x 5-3/4" H x 2" D	2 lb.



Easy To Use

The TG4C is designed to provide a wide range of alarm/warning tones for non-critical applications. An external contact closure triggers the generator. A momentary contact will produce two plays of the selected tone, while a continuous closure will regenerate the tone until it is removed.

Input Sharing and Priority

A unique feature of the TG4C is the unit's ability to pass through a signal and then suppress it during tone generation. This allows the TG4C to be installed in any paging system without losing an input. This feature also gives the tones priority over the signal it suppresses, a valuable feature in most alarm/warning situations.

Accessories



PRS40C
12V DC
Power
Supply



WMT1A
Matching
Transformer