

BOMDMU

Messaging and Call Stacking System



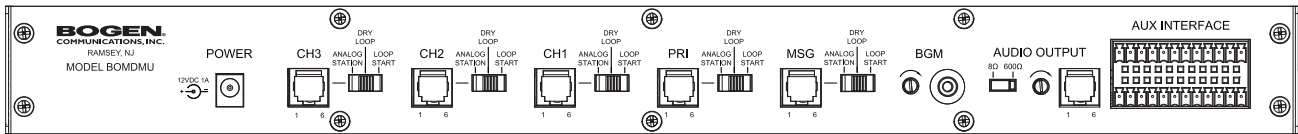
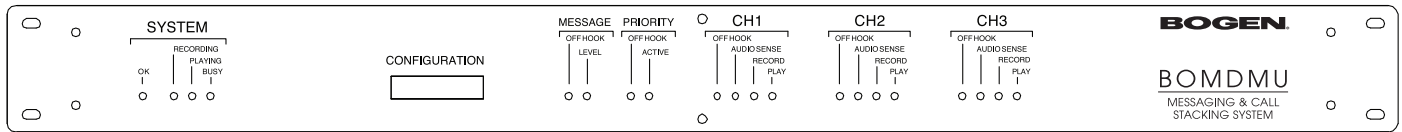
Description

Bogen's **BOMDMU** is a comprehensive system that combines page stacking, feedback elimination, pre-recorded messaging, and background music control in a single device.

- **Feedback Eliminator:** The BOMDMU makes feedback through the paging system virtually impossible by opening the loop between the input microphone and speakers. This eliminates the potential for acoustic feedback while giving the user flexibility in the way pages are broadcast.
- **Page Stacking:** For busy overhead paging systems, the BOMDMU offers 3 channels of page stacking and feedback elimination. Each channel can record and temporarily store up to 16 pages or 4 minutes of audio. Page input channels can record simultaneously, and while the system is playing.
- **Priority Paging:** For emergencies, the BOMDMU offers a priority input that overrides the stacking and messaging functions and provides immediate, real-time access to the paging system.
- **Pre-recorded Messages:** For security and general public address messaging, a pre-recorded messaging sub-system has been included. Access both Record and Play functions of up to 99 messages/ 8 minutes of audio from an extension on your host telephone system. Ten (10) start contacts have also been provided to trigger messages from external devices such as sensors or alarm systems.
- **Background Music:** To keep everything in harmony, the BOMDMU also includes a background music input. This allows playback of your favorite music source over the paging system. When a page or message is needed, the music will be faded and the announcement will be heard loud and clear.

Features

- 3-channel page stacker & feedback eliminator
- Priority input
- Station or Dry Loop/Loop Start operation
- DTMF support for zoning
- Message triggering via start input or host telephone system workstation
- 99 pre-recorded messages
- Industrial construction
- Background music support
- Rack mount chassis
- 1 year warranty



Technical Specifications

AUDIO

Bandwidth100 Hz to 8 kHz
 Page Input.....3, RJ12 connector, Station Port/Dry Loop/Loop Start
 Priority Input.....1, RJ12 connector, Station Port/Dry Loop/Loop Start
 Messaging Input.....1, RJ12 connector, Station Port/Dry Loop/Loop Start
 Background Music Input1, RCA, unbalanced, Line level input with level control
 Page output.....1, RJ12 connector, 8-ohm power/600Ω line level (switch-selectable), adjustable

PAGE STACKING

Message repeatplay one or two times, DIP switch selectable
 Delay between messages.....1s, 3s, 5s, 10s DIP selectable
 Stackup to 16 messages per input
 DTMFStore/forward (0,2,3 or 4 tones) DIP selectable
 Pre-Page ToneDIP selectable

POWER

Power Supply (Included).....12V DC/1 Amp

MEMORY

TypeFLASH
 Page Stacking.....4 minutes per page input channel
 Messaging.....8 minutes total

MESSAGE CONTROL

No. of messages.....99
 Record Control.....DTMF control from messaging input
 Play ControlTriggered from DTMF on messaging input or AUX Interface start contacts (10)

PAGE CONTROL

PriorityControl contact is offered on the Priority Input RJ12 connector
 Page Inputs.....3, Page Input RJ12 connector. Each input answers (loop, audio sense, DTMF)

STATUS OUTPUTS

(Solid State Relay contacts 24V DC @ 100 mA max.)

Playing Contact.....Offered on the Page Output RJ12 connector
 Record Contact.....Offered on each Page Input RJ12, as well as the Message Input RJ12
 Playing, Busy, & Recording.....Offered on AUX Interface

UNIT

Chassis:Rack mount (1 RU)
 Material:18 gauge cold rolled steel, painted with silkscreen
 Dimensions:17-5/8" W x 1-3/4" H x 6-7/8" D
 Weight:7 lb.

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