

# BOMDMU

## Messaging and Call Stacking System



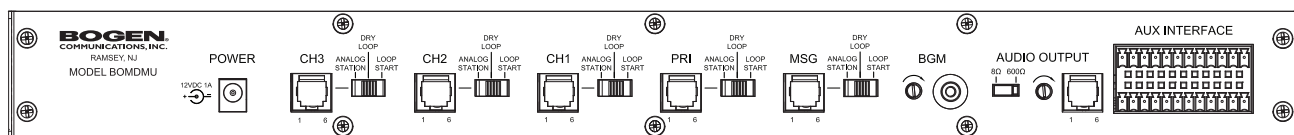
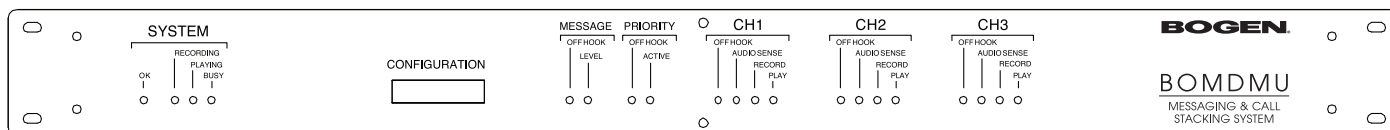
### Description

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

Bandwidth .....100 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 Input .....1, 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 repeat .....play one or two times, DIP switch selectable  
 Delay between messages.....1s, 3s, 5s, 10s DIP selectable  
 Stack .....up to 16 messages per input  
 DTMF .....Store/forward (0,2,3 or 4 tones) DIP selectable  
 Pre-Page Tone .....DIP selectable

### POWER

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

### MEMORY

Type .....FLASH  
 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 Control .....Triggered from DTMF on messaging input or AUX Interface start contacts (10)

### PAGE CONTROL

Priority.....Control 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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