

ELECTRONIC REVERBERATION UNIT

BMN WITHOUT OUTCASE SERIES Miniature size

BMN2&3 with tray series

PATENT


- With bottom tray, can eliminate feed back problem

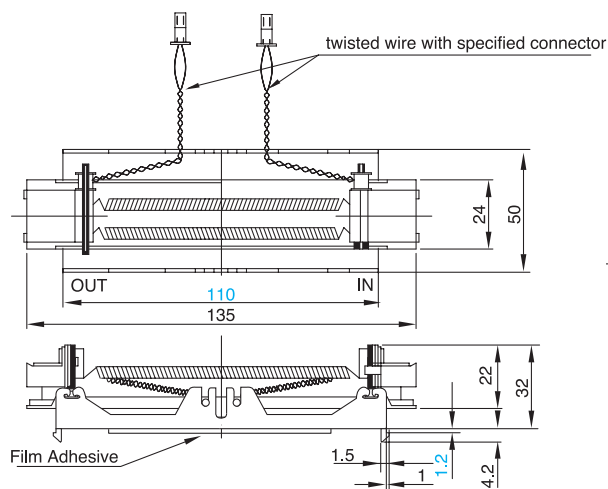
BMN2&3 without tray series



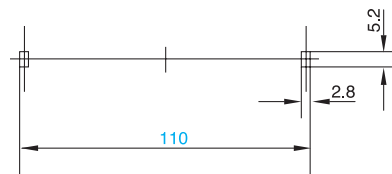
- With thick bottom sponge, can reduce feed back problem

Dimensions

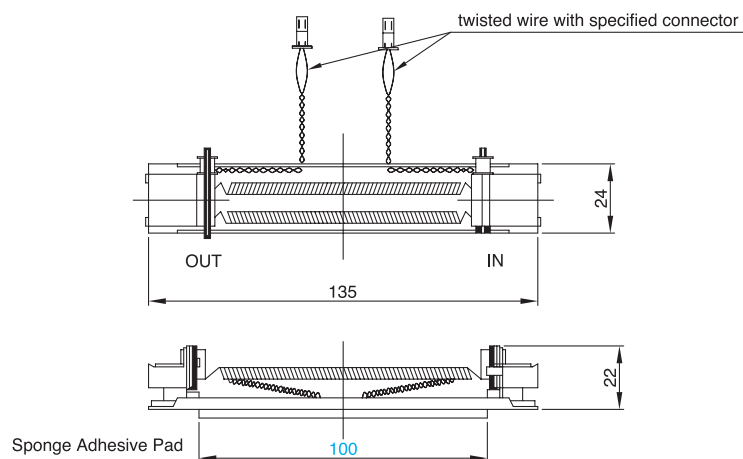
BMN2AB2ET



Mounting Hole



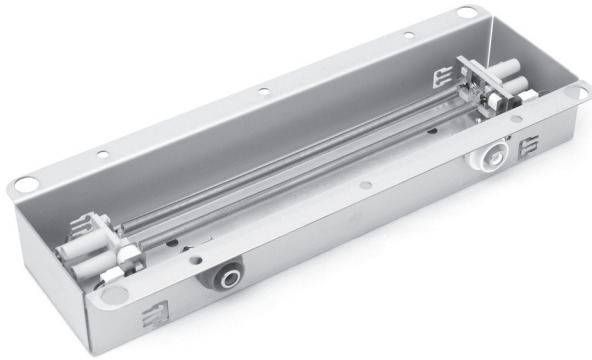
BMN3AB2E



ELECTRONIC REVERBERATION UNIT

SPEC & TYPE GENERAL

A full rich, sweet sound of reverb throughout the audio frequency range



Features

- 2~3 natural coil spring type
- In-out put impedance are changeable
- Small and Large size are available

Applications

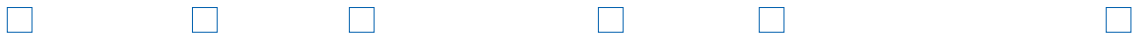
- For electric organs, guitar amplifier
- For professional audio mixer
- For system to control room acoustics

2 Springs Type



Input Impedance		Output Impedance		Decay Time		Connectors		Locking Device		Mounting Plane	
80 Ohm	A	500 Ohm	A	Short	1	Input Grounded Output Grounded	A	No Lock	1	Horizontal Open Side Up	A
150 Ohm	B	2250 Ohm	B	Medium	2	Input Grounded Output Insulated	B			Horizontal Open Side Down	B
200 Ohm	C	4000 Ohm	C	Long	3	Input Insulated Output Grounded	C			Vertical Connectors Up	C
250 Ohm	D	10000 Ohm	D			Input Insulated Output Insulated	D			Vertical Connectors Down	D
600 Ohm	E					10" Leads No Outer Channel	E			On End Input up	E
1475 Ohm	F					3" Leads No Outer Channel	F			On End Output up	F
1925 Ohm	G									Tray	T

3 Springs Type



Input Impedance		Output Impedance		Decay Time		Connectors		Locking Device		Mounting Plane	
10 Ohm	A	600 Ohm	A	Short	1	Input Grounded Output Grounded	A	No Lock	1	Horizontal Open Side Up	A
190 Ohm	B	2575 Ohm	B	Medium	2	Input Grounded Output Insulated	B			Horizontal Open Side Down	B
240 Ohm	C	4000 Ohm	C	Long	3	Input Insulated Output Grounded	C			Vertical Connectors Up	C
310 Ohm	D	12000 Ohm	D			Input Insulated Output Insulated	D			Vertical Connectors Down	D
800 Ohm	E					10" Leads No Outer Channel	E			On End Input up	E
1925 Ohm	F					3" Leads No Outer Channel	F			On End Output up	F

ELECTRONIC REVERBERATION UNIT

ORDER & SPECIFICATIONS GENERAL

Suggested Ordering Procedure

To specify the reverberation unit required, please compose desired part numbers from data below and fill the specification you desire in the following square.

Example (with outcase type)

Logo. of BELTON	Size	Type	No. of spring	Input Imp.	Output Imp.	Decay	Connect	Lock	Mount
B	S	N	2	A	B	2	C	1	B
B abbreviation of BELTON	SIZE M MINI S SMALL L LARGE	TYPE EMPTY OLD VERSION N NEW VERSION	NO. OF SPRING 2 SPRINGS 3 SPRINGS	INPUT IMP. SEE BELOW TABLE	OUTPUT IMP. SEE BELOW TABLE	DECAY TIME 1 SHORT DECAY 2 MEDIUM DECAY 3 LONG DECAY	CONNECT SEE PAGE 2 TABLE TRAY T WITH TRAY EMPTY WITHOUT TRAY	LOCK SEE PAGE 2 TABLE	MOUNT SEE PAGE 2 TABLE

Electrical Specifications

2 Springs Type

		Impedance @1KHz $\pm 10\%$	Inductance In mH $\pm 10\%$	DC Resistance In Ohms $\pm 10\%$	Recommended AC Drive mA For Approx 3.5A-T
IN PUT	A	8 Ohm	1.3	0.9	28.0
	B	150 Ohm	23.0	26	6.5
	C	200 Ohm	32.0	27	5.8
	D	250 Ohm	40.0	36	5.0
	E	600 Ohm	95.0	75	3.1
	F	1475 Ohm	235.0	200	2.0
OUT PUT	A	500 Ohm	80.0	42	Typical Decay Time Short=1.2 to 2.0 Sec Medium=1.75 to 3.0 Sec Long=2.75 to 4.0 Sec
	B	2250 Ohm	350.0	200	
	C	4000 Ohm	630.0	350	

3 Springs Type

		Impedance @1KHz $\pm 10\%$	Inductance In mH $\pm 10\%$	DC Resistance In Ohms $\pm 10\%$	Recommended AC Drive mA For Approx 3.5A-T
IN PUT	A	10 Ohm	1.5	0.9	28.0
	B	190 Ohm	30.0	26	6.5
	C	240 Ohm	38.0	27	5.8
	D	310 Ohm	43.0	36	5.0
	E	800 Ohm	150.0	75	3.1
	F	1925 Ohm	300.0	200	2.0
OUT PUT	A	600 Ohm	94.0	42	Typical Decay Time Short=1.2 to 2.0 Sec Medium=1.75 to 3.0 Sec Long=2.75 to 4.0 Sec
	B	2575 Ohm	400.0	230	
	C	4000 Ohm	630.0	350	