

# MESA BOOGIE `BigFoot amps' midi interface

## Operation manual

### 1. Description.

The amp interface allows switching CHANNELS, SOLO and FX via midi messages.

No external power is needed.

The interface replaces original footswitch, so it is possible to switch all functions of the amp by one midi message.

*sockets:*                      *Midi IN – Midi socket,*

*AMP FS – signals controlling the amp,*

*indicator:*                      *RX – Received midi message indicator,*

*rotary switch:*                *Midi channel switch.*



### 2. Using the interface.

1. Connect the interface to amp using original footswitch cable,
2. Connect the interface to your midi controller using standard midi cable,
3. Set a valid midi channel,
4. Power on your system,
5. Send valid midi message to switch your amp,
6. When a valid midi message is received ( including midi channel ) RX LED flashes.

### 3. Midi implementation.

#### 3.1. Switching by Program Change midi messages.

Channel	SOLO	FX	Program Change [0..127]
1	<input type="radio"/>	<input type="radio"/>	0
	<input checked="" type="radio"/>	<input type="radio"/>	1
	<input type="radio"/>	<input checked="" type="radio"/>	2
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	3
2	<input type="radio"/>	<input type="radio"/>	4
	<input checked="" type="radio"/>	<input type="radio"/>	5
	<input type="radio"/>	<input checked="" type="radio"/>	6
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	7
3	<input type="radio"/>	<input type="radio"/>	8
	<input checked="" type="radio"/>	<input type="radio"/>	9
	<input type="radio"/>	<input checked="" type="radio"/>	10
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	11

#### 3.2. Switching by Control Change midi messages.

Function	Control Change number [0..127]	Value [0..127]	
		0..62	63..127
Channel 1	76	-	<input checked="" type="radio"/>
Chanel 2	77	-	<input checked="" type="radio"/>
Channel3	78	-	<input checked="" type="radio"/>
SOLO	79	<input type="radio"/>	<input checked="" type="radio"/>
EQ	80	<input type="radio"/>	<input checked="" type="radio"/>

#### 3.3. Setting midi channel

Midi channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Rotarty switch position	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F

Note: Midi channel number 16 is a OMNI channel