

B16-BMB1 MOTHERSHIP

Quick Start Guide



1. Register Your Device

Please register all serial numbers for your B16 MOTHERSHIP chassis and all Daughter Cards.

You *must* register to activate your warranty! Please visit: www.burlaudio.com/register.

2. Remove Lid

1. Remove 9 screws on top and 2 on each side (**Image 1**).
2. Push lid up from card slot (**Image 2**).



Image 1: Top view shows location of 4 screws on side before removing lid.



Image 2: Push lid up.

3. Install Daughter Cards

1. Make sure the card is inserted into the card guides, and the card is properly connected to the backplane. (**Image 3**)
2. Pull cables through to the front for connection to faceplate. (**Image 4**) Refer to Daughter Card Quick Start Guide for further installation instructions.



Image 3: Insert the Daughter Card into the card guides. Make sure the metal Daughter Card backplate, not PCB, is inserted into the card guides.



Image 4: Connect Daughter Card ribbon cables and 2 pin connector for BAD4 and BDA8 to the front panel.

4. Install Vent



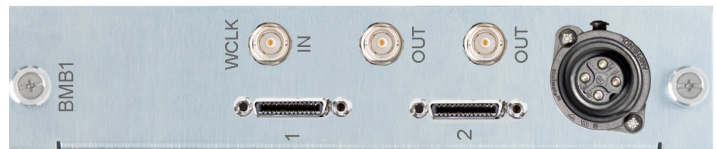
Image 5: B16 MOTHERSHIP with 1U vent above for proper airflow.

Important Installation Notes:

- Install the 1U vent above the B16 chassis. The MOTHERSHIP MUST run with proper ventilation.
- Failure to properly vent the MOTHERSHIP chassis above may cause failure, and will void the warranty.

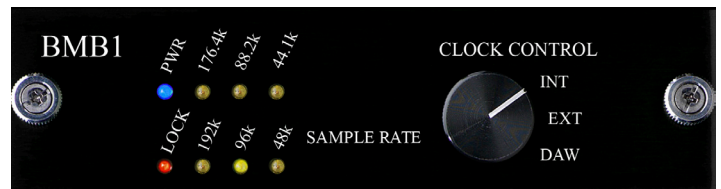
5. Connect Digilink Port 1 to AVID HDX Card

- Each Digilink Port on the BMB1 can run up to 32 ins/outs.
- If you have 32 I/O or less, you only need to use port 1.
- Both Ports on the BMB1 are primary ports.



6. Set BMB1 Front Panel to DAW for use with Pro Tools

- When using B16 internal clock, set the CLOCK CONTROL to DAW, which allows Pro Tools to change sample rate.
- If using external clock, set to EXT.



6. Input Assignments

Input									
Name	Format	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16
A 1-2	Stereo	L	R						
A 3-4	Stereo		L	R					
A 5-6	Stereo			L	R				
A 7-8	Stereo				L	R			
A 9-10	Stereo					L	R		
A 11-12	Stereo						L	R	
A 13-14	Stereo							L	R
A 15-16	Stereo								L
B 1-2	Stereo								L
B 3-4	Stereo								
B 5-6	Stereo								
B 7-8	Stereo								
B 9-10	Stereo								
B 11-12	Stereo								
B 13-14	Stereo								

Image 6: B16 input assignment in Pro Tools IO settings.

7. Output Assignments

Output									
Name	Format	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16
A 1-2	Stereo	L	R						
A 3-4	Stereo		L	R					
A 5-6	Stereo			L	R				
A 7-8	Stereo				L	R			
A 9-10	Stereo					L	R		
A 11-12	Stereo						L	R	
A 13-14	Stereo							L	R
A 15-16	Stereo								L
B 1-2	Stereo								L
B 3-4	Stereo								
B 5-6	Stereo								
B 7-8	Stereo								
B 9-10	Stereo								
B 11-12	Stereo								
B 13-14	Stereo								

Image 7: B16 output assignment in Pro Tools IO settings.

B16 Ch. 1-16 are HDIO#1 Ch. 1-16
B16 Ch. 17-32 are HDIO#2 Ch. 1-16