

## SHOWBEAM 2.5 DMX Parameters

DMX console libraries define parameters for the following SHOWBEAM 2.5 functions over a 32-channel range and are copyrighted and available in High End Systems consoles. For information on developing libraries for DMX consoles from other manufacturers, contact High End Systems.

Channel	Function
1	Pan
2	
3	Tilt
4	
5	Color Mix Function
6	Cyan
7	Magenta
8	Yellow
9	CTO
10	Static Color Function
11	Static Color Position
12	Twin Beam
13	Twin Beam Rotate Function
14	Twin Beam Rotate
15	
16	Twin Beam Deviation

Channel	Function
17	Zoom Bypass
18	Zoom
19	Shutter/Lamp Functions
20	Shutter
21	Dim
22	MSpeed
23	Macro
24	Control
25	LED Tracking Dim
26	LED Tracking Function
27	LED Tracking Red
28	
29	LED Tracking Green
30	
31	LED Tracking Blue
32	

### Pan and Tilt

The **Pan** and **Tilt** parameters control the SHOWBEAM 2.5 fixture's 420° pan range and 216° tilt range. Pan and Tilt functions each utilize two channels to provide 16 bit adjustment to a fraction of a degree.

Pan and Tilt motion for SHOWBEAM 2.5 fixtures can be controlled with MSpeed values, (see *MSpeed (Motor Speed)* on page 39). If you choose to use MSpeed for color changes without affecting Pan and Tilt parameters, set Pan/Tilt MSpeed OFF in the Control parameter.

**Note:** *Optical encoders for pan and tilt correct the fixture's position if the fixture is jarred from its programmed position. If a physical obstruction prevents the fixture from correcting its position, the fixture "times out" to prevent wear on the motors. If your fixture has timed out, remove the obstruction and home the fixture to return it to normal operation.*