

SHOWGUN® DMX Parameters

DMX console libraries define parameters for the following SHOWGUN functions over a 30-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 Function
6	Cyan
7	Magenta
8	Yellow
9	Litho Wheel Position
10	Litho Rotate Function
11	Litho Rotate
12	
13	Soft Edge
14	Zoom
15	Focus

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

Pan and Tilt

The **Pan** and **Tilt** parameters control the SHOWGUN 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 SHOWGUN fixtures can be controlled with MSpeed values, (see *MSpeed (Motor Speed)* on page 38). If you choose to use MSpeed for gobo 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.*