Axcor Spot 300
User Menu

06/2023

Note: Default parameters Highlighted in a grey colour.

Main Menu	Level 1	Level 2	Level 3	Choices / Values
SET UP	DMX Address	→	→	001-512
	Ethernet Interface	Protocol	→	Disabled ArtNet sACN
		Custom IP Address	IP address byte 1	000-255
			IP address byte 2	000-255
			IP address byte 3	000-255
			IP address byte 4	000-255
		Custom IP Mask	IP mask byte 1	000-255
			IP mask byte 2	000-255
			IP mask byte 3	000-255
			IP mask byte 4	000-255
		Universe	→	000-255
		Start Channel	→	001-512
		Ethernet to DMX	→	No / Yes

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Main Menu	Level 1	Level 2	Level 3	Choices / Values
OPTION	Pan / Tilt	Invert Pan	→	On / Off
		Invert Tilt	→	On / Off
		Swap Pan-Tilt	→	On / Off
		Encoder Pan-Tilt	→	On / Off
		P/T Homing mode	→	Standard
				Sequenced
		Pan Home Def Pos	→	0 degree
				90 degrees
				180 degrees
				270 degrees
		Tilt Home Def Pos	→	0 %
				12.5 %
				25 %
				50 %
				75 %
				87.5 %
				100 %
		P/T Smooth	→	On / Off
	Color	Color Mixing	→	RGB / CMY
		Fix Wheel Shortcut	→	On / Off
	CMY Speed	→	→	Normal
				Fast
	Dimmer Curve	→	→	Dimmer Curve 1
				Dimmer Curve 2
				Dimmer Curve 3
				Dimmer Curve 4
	Display	→	→	On / Off
	Fan Mode	→	→	Auto
				SLN
				Theatre
				Constant
	Power Mode	→	→	STD Power
				ECO Power
	Setting	Default Preset	Reset To Default Go Back	*Are you sure ?* Yes / No
		User Preset 1	Load preset 1 Save to preset 1	*Are you sure ?* Yes / No
		User Preset 2	Load preset 2 Save to preset 2	*Are you sure ?* Yes / No
		User Preset 3	Load preset 3 Save to preset 3	*Are you sure ?* Yes / No

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Main Menu	Level 1	Level 2	Level 3	Choices / Values
INFORMATION	System Errors	→	→	Read / Reset
	Fixture Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	LED Hours	Total Hours	→	Read
		Partial Hours	→	Read / Reset
	System Version	Disp	→	Fw.rev.
		Net	→	Fw.rev.
		CTR1 - XY	→	Fw.rev.
		CTR2 - Motor	→	Fw.rev.
		CTR3 - Motor	→	Fw.rev.
	DMX Monitor	Channels	→	*Bit*
	Fans Monitor	Base Fan	→	(%)
		Led Fan	→	(%)
	Network parameters	→	→	IP Address
				IP Mask
				MAC Address
	UID	→	→	UID: xxxxxxxxx
MANUAL CONTROL	Reset	→	→	Yes / No
	Channel	→	→	Bit Value
TEST	→	→	→	Pan / Tilt
	→	→	→	Colour
	→	→	→	Beam
	→	→	→	Gobo
	→	→	→	All
ADVANCED	Access Code 1234	Upload Firmware	*Transfer ……..*	*Are you sure ?* Yes / No
		Calibration	Channels	000 - 255
		Menu Locking	→	Unlock Code XXXX
		Recover	→	*Are you sure ?* Yes / No

SET UP MENU

Setup - DMX ADDRESS

It lets you select the address (DMX Address) for the control signal. A DMX address between 001 and 512 can be selected.

NOTE: Without the input signal, the displayed DMX Address blinks.

Setup - ETHERNET INTERFACE

It lets you set Ethernet settings to be assigned to the projector as indicated below:

Protocol
It lets you to select the control protocol of the fixture.

Custom IP Address
It lets you to set the Internet Protocol Address according to the control unit used.

Custom IP Mask
It lets you to set the Subnet Mask of the IP address.

Setup - UNIVERSE

It lets you set the “DMX Universe” to be assigned to a series of projectors with values between 000 and 255.
A single DMX512 frame of 512 channels is referred to as a Universe

Setup – START CHANNEL

It lets you select the address (Art-Net) for the control signal. An Art-Net address between 001 and 512 can be selected.

Setup – ETHERNET TO DMX

It lets you enable/disable the transmission of the Ethernet protocol by DMX signal to all the connected projectors.

- NO: DMX transmission disabled.
- YES: DMX transmission enabled.

OPTION MENU

Option - PAN / TILT

Invert Pan
It lets you enable (ON) Pan reverse movement. Select OFF to turn off or disable this option.

Invert Tilt
It lets you enable (ON) Tilt reverse movement. Select OFF to turn off or disable this option.

Swap Pan-Tilt
It lets you enable (ON) Pan and Tilt channel inversion (and simultaneously Pan fine and Tilt fine). Select OFF to turn off or disable this option.

Encoder Pan-Tilt
It lets you enable (ON) or disable (OFF) Pan and Tilt Encoder operations.

P/T Homing Mode
It lets you set the initial Pan and Tilt Reset mode.
- **Standard**: Pan & Tilt are simultaneously reset.
- **Sequenced**: Tilt is reset first followed by Pan.

Pan Home Def Pos
It lets you assign the Pan channel “home” position at the end of Reset (without a DMX input signal), selecting one from the 4 available positions:
- **0 degree**
- **90 degrees**
- **180 degrees**
- **270 degrees**

Tilt Home Def Pos
It lets you assign the Tilt channel “home” position at the end of Reset (without a DMX input signal), selecting one from the 7 available positions:
- **0%**
- **12.5%**
- **25%**
- **50%**
- **75%**
- **87.5%**
- **100%**

P/T Smooth
It lets you enable (ON) a more linear fade in and out of the Pan & Tilt movement. Select OFF for a more reactive movement.

OPTION MENU

Option - COLOR

Color mixing

It lets you set the CMY color mixing system:

- **RGB** color mixing mode (Red Green Blue)
- **CMY** color mixing mode (Cyan Magenta Yellow)

Fixed wheel short-cut

Used for optimizing color change time (select ON) so that the disc turns in the direction that requires shorter movement. Select OFF to turn off or disable this option.

Option – CMY SPEED

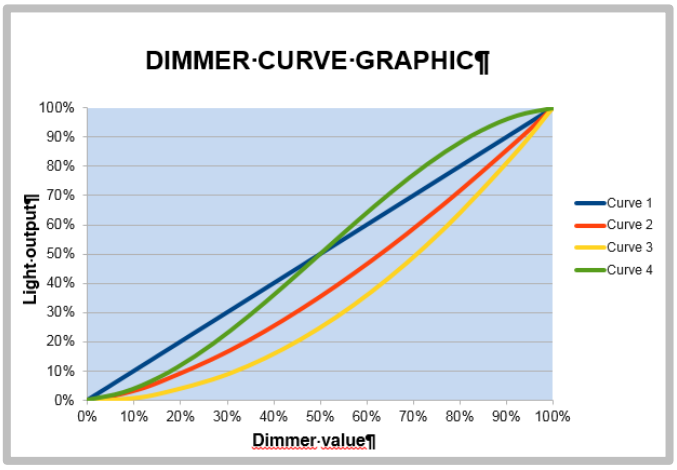
Lets you select two different CMY movement speed:

- **Normal**
- **Fast**

Option – DIMMER CURVE

Lets you select four different Dimmer curves:

- **Dimmer Curve 1**
- **Dimmer Curve 2**
- **Dimmer Curve 3**
- **Dimmer Curve 4**



Option – DISPLAY

It lets you activate (ON) display brightness reduction after about 30 seconds in idle status. Select OFF to turn off or disable this option.

OPTION MENU

Option – FAN MODE

Defines the fixture cooling mode:

- **Auto**: Cooling increase/decrease in correlation to the LED engine temperature
- **SLN**: Fan power always at minimum range, light output change accordingly with ambient temperature.
- **Theatre**: Fan power always at a constant range, light output constantly reduced.
- **Constant**: Fan power at maximum range.

Option – POWER MODE

Defines the power mode:

- **STD power**: the fixture LED works at full power.
- **ECO power**: the fixture works at 90% of LED power.

Option – SETTING

Used to save 3 different settings of the items in the option menu and relevant submenus.

- Default preset (*)
- User preset 1
- User preset 2
- User Preset 3
  - **Load preset 'X'** is used to recall a previously stored configuration.
  - **Save to preset 'X'** is used to save the current configuration.

(*) DEFAULT PRESET
It lets you restore default values on all option menu items and relevant submenus.
Press the left and right arrows/keys simultaneously in the "main menu" to quickly restore default values (DEFAULT PRESET).

INFORMATION MENU

Information – SYSTEM ERRORS

It displays a list of errors that occurred when the projector was turned on.

Information – FIXTURE HOURS

It lets you view projector working hours (total and partial).

Total counter
It counts the number of projector working life hours (from construction to date).

Partial counter
It counts the number of projector partial working life hours from the last reset to date.

Press **OK** to reset the partial counter. A confirmation message appears on the display: Select **Reset** to confirm or **Go Back** to undo the operation.

Information – LED HOURS

It lets you view LED working hours (total and partial).

Total counter
It counts the number of projector working hours with the LED on (from construction to date).

Partial counter
It counts the number of LED partial working hours from the last reset to date.
Press **OK** to reset the partial counter. A confirmation message appears on the display: Select **Reset** to confirm or **Go Back** to undo the operation.

Information – SYSTEM VERSION

It lets you view the hardware and software versions for each electronic board in the projector.

- Disp
- Net
- CTR1-XY
- CTR2-Motor
- CTR3-Motor

Information – DMX MONITOR

It lets you view the level of projector DMX channels in bit.

Information – FANS MONITOR

It lets you view the percentage of each fan installed in the projector:

- Base Fan (Base cooling fan)
- Led Fan (LED cooling fan)

INFORMATION MENU

Information – NETWORK PARAMS
Lets you view the projector "Network" parameters meaning: **IP address:** Internet Protocol address (two projectors must not have the same IP address) **IP mask:** 255.0.0.0 **Mac address:** Media Access Control; the projector's Ethernet Address
Information – UID
Shows the exclusive address of the fixture to use communicate via RDM.

MANUAL CONTROL

Manual Control - RESET
It lets you reset the projector from the projector control panel.
Manual Control - CHANNEL
It lets you set the channel DMX levels from the projector control panel (value between 0 and 255 bit).

TEST MENU

It lets you test the correct operations of effects using pre-saved Tests:

- Pan/Tilt
- Colour
- Beam
- Gobo
- All

ADVANCED MENU

To open the “Advanced Menu”, enter the code 1234

Advanced - UP LOAD FIRMWARE

It lets you transfer "firmware" from one projector to all other connected projectors. A confirmation message appears on the display (Are you sure?) Select YES to confirm or NO to abort this operation.

IMPORTANT: It is possible to transfer the firmware only with the same fixture’s models.
IMPORTANT: We recommend uploading the firmware to a maximum 5/6 units per time.

Advanced - CALIBRATION

It lets you from the control panel to make a fine electronics adjustment on the effects to get a better consistency within a group of fixtures.

Advanced – MENU LOCKING

It allows you to assign a password to lock the access to the ADVANCED menu to avoid any wrong setting or operation by people there are not from the technical staff. The default Unlock Code is: 1234

IMPORTANT: If necessary to reset any custom code go to Option → Setting → Default Preset → Reset to default, it will set all the default setting and restore the coder to 1234.

Advanced – RECOVER

The recover function allows to restore the functionality of the electronic boards following a fail during the firmware update process of the fixture. Please refer to the “Recover function” tech document for the detail of the procedure.