

AL Fade 6 Pro

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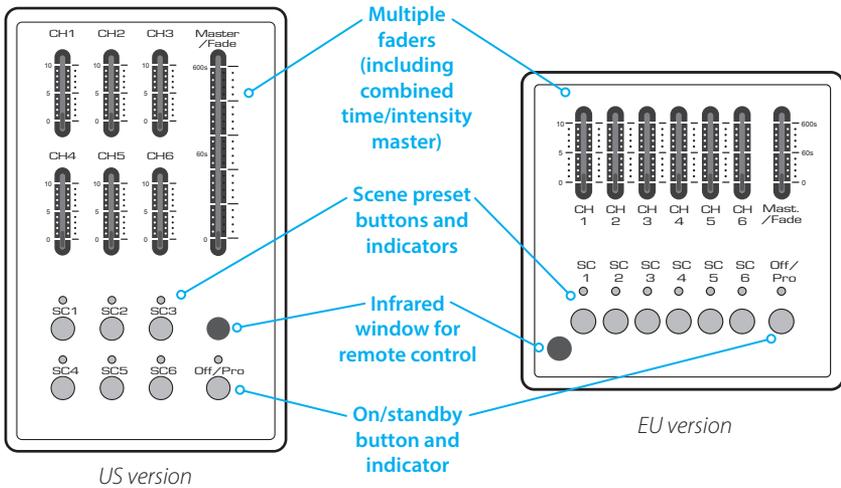
INTRODUCTION

WELCOME

Welcome to the AL Fade 6 Pro panel from Acclaim Lighting. This simple wall-mount DMX controller is designed for controlling up to six lighting fixture channels. It features miniature channel faders, a master fader and multiple scene preset buttons.

Using the various controls, you can create and replay multiple dynamic color chases as well as static color mixes.

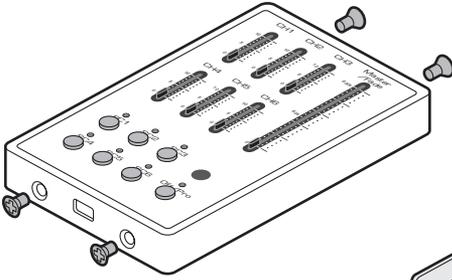
A remote control and compact power supply are provided with each panel.



SAFETY

- Ensure that the power input is supplied from a correctly fused and environmentally protected location.

SUPPLIED ITEMS

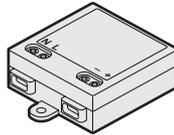


**AL Fade 6 Pro panel
main body plus back plate
(US model shown)**



Remote control

12VDC power adapter



INSTALLATION

AL Fade 6 Pro panels are available in two formats: US and EU, to suit the differing single gang electrical box standards in those regions. See "Dimensions" on page 12.

A compact 12VDC power adapter is supplied with each panel and this requires a fused mains (100 to 240VAC, 6W) supply.

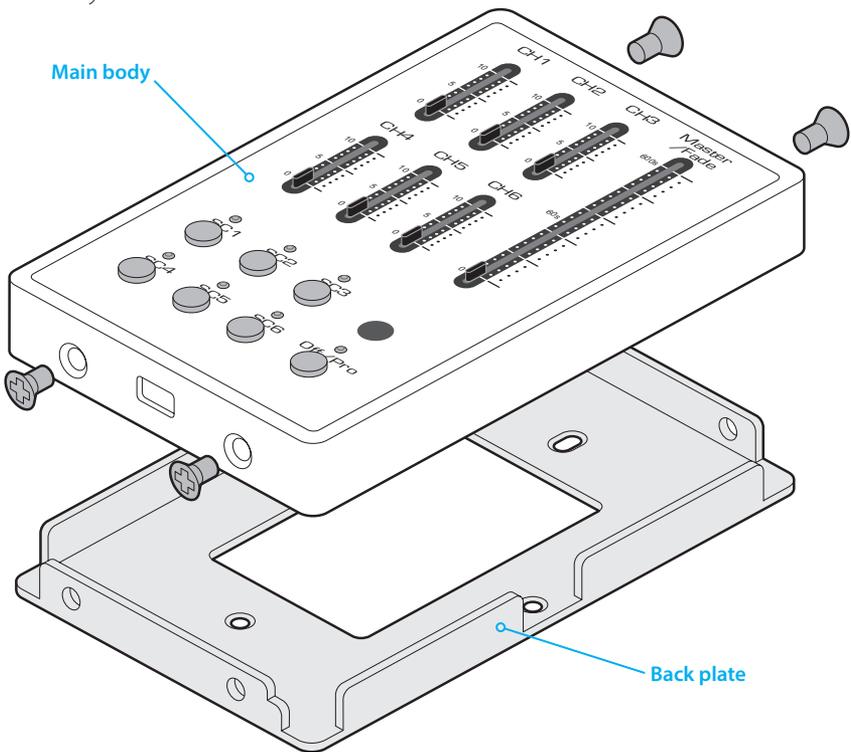
Note: The micro USB socket on the base is used to administer software updates to the panel and has no other function.

MOUNTING

TO OPEN THE PANEL

- 1 Remove the four small screws from the top and bottom edges of the panel.
- 2 Gently pull the main body of the panel away from the back plate.

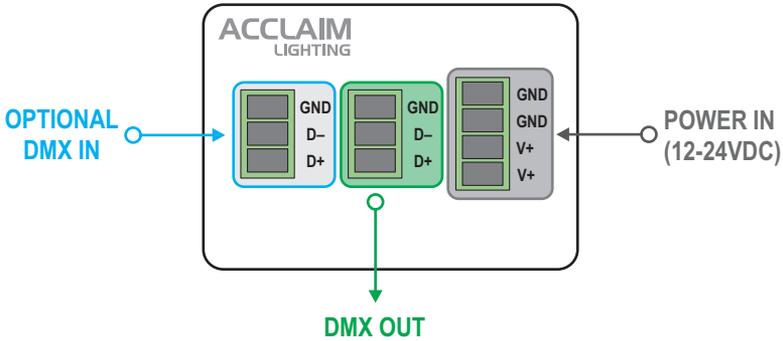
Note: It may be necessary to gently lever the back plate away from the main body with a small implement. If you do so, take great care not to damage any of the micro circuitry inside the main body.



- 3 Fix the back plate to a suitable single gang electrical wall box (not supplied) and, if possible, locate the supplied 12VDC power adapter inside the wall box.
- 4 Make all necessary connections and fit the main body to the back plate.
- 5 Insert the four screws removed earlier.

CONNECTIONS

The panel has three connector blocks at its rear, with the following functions:



POWER IN

Each panel requires a DC power input of between 12 and 24VDC. The panel consumes just 1.5W itself. The power adapter supplied with each panel provides 12VDC with a maximum power output of 6W. There are two pairs of GND and V+ connections, only one pair need to be used. *Note: You can use either V+ and either GND in combination.*

DMX OUT

Provides a link to DMX-enabled lighting fixtures. Use the GND, D- and D+ terminals to send control data to the fixtures. The power draw of the fixtures will be completely separate from the panel.

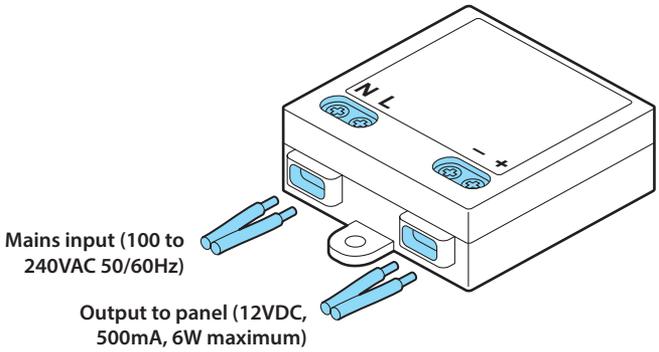
DMX addressing: *By default, six channels are output on addresses 1 to 6. By changing the micro switch settings on the rear panel, you can select any start channel within the DMX address space (the six channels always operate in a contiguous block from the chosen start address). See "Addressing" on page 7.*

DMX IN (optional)

Allows you to connect an external DMX source which can be used during programming to mix colors/channels when creating scenes. The DMX IN port is ignored at all other times.

POWER ADAPTER

The supplied compact power adapter can accept mains inputs from 100 to 240VAC, 50/60Hz and provides 12VDC at a maximum of 6W.



The power adapter is a Class II, double insulated device and does not require a ground wire.

ADDRESSING

The panel uses a set of micro switches on the rear of the unit to determine its DMX output addressing. By default the panel uses DMX channels 1 to 6 to communicate with the connected lighting fixtures, however, you can change this as necessary. The channels used are always in a contiguous block of six. When you select an address, the panel places the start of that six channel block at the chosen address value.



TO SET AN ADDRESS

- 1 If already connected, remove power from the panel.
- 2 On the rear of the panel, locate the 10-way micro switch block.
- 3 Move switch 10 into the ON position. This will change the mode from fixed addressing at DMX channels 1 to 6 and cause the panel to take note of the address you select using the other nine switches.
- 4 Use switches 1 to 9 to choose the required start address. Each switch from 1 to 9 is 'weighted' with a different value:

SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	◀ SWITCH#
1	2	4	8	16	32	64	128	256	◀ ADDRESS WEIGHT

Choose combinations of the switches to create an address starting anywhere from 1 to 507 (*in order to ensure a full six channels between 507 and the final address of 512*).

The address is formed from the sum of the weighted values; when a switch is on, its value is included in the sum to create the address. For instance, to achieve a DMX start address of 165, your switch settings would be as follows:

SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10
1	2	4	8	16	32	64	128	256	
ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON

The sum of the enabled address values in the example above is: $1 + 4 + 32 + 128 = 165$

Note: Numerous smartphone apps are available to assist with setting switch addresses.

- 5 When power is restored, the six channels of the panel will begin at the chosen address.

TO USE DEFAULT ADDRESSING

- 1 If already connected, remove power from the panel.
- 2 On the rear of the panel, locate the 10-way micro switch block.
- 3 Move switch 10 into the OFF position. When power is restored, this will cause the panel to ignore all of the other switch settings and use channels 1 to 6.

CONFIGURATION

You can use the miniature faders to create scenes (containing color mixes or color chases), then store them into any of the six scene preset buttons to provide quick access during operation.

SWITCHING BETWEEN ON AND STANDBY

Once power is applied, press and release any button to switch the panel on.

To switch the panel off: Press and release the **Off/Pro** button.

RECORDING SCENES

As required, you can create and run scenes containing either color chases or static color mixes. Each scene can contain up to 100 steps.

TO RECORD A SCENE

1 While the panel is on, press and hold the **Off/Pro** button for three seconds, until its indicator flashes red - this indicates that you are in programming mode.

The blue indicators, of all scene presets which contain existing programming, will illuminate. *Note: It is not possible to write a new scene directly over an existing one, you must first delete the existing scene:*

- **To delete an existing scene:** While the red **Off/Pro** indicator is flashing, press and hold the required scene preset button for three seconds, until all indicators flash blue three times. The chosen scene preset indicator will extinguish.
- 2 While the red **Off/Pro** indicator is flashing, press the required (vacant) preset button. The blue indicator of the chosen button will begin to flash.
- 3 Use the channel faders to create the required color mix. If required, you can also use an external DMX source to mix the channels as required in programming mode, instead of using the faders on the panel (see "Connections" on page 5).
- Note: When programming, you need to actively 'include' all of the required colors. This means that if certain colors are already present as you enter programming mode, you need to clear them and build up your required scene. Mixes that were already showing will be ignored when you store your scene. To avoid confusion, it is best to clear out all existing colors/channels and begin with all outputs at zero. You do this by raising/lowering the faders which control those colors/channels until the output goes to zero. Once everything is zeroed, you can then build up your new mix.*
- 4 Press and release the **Off/Pro** button to store the current color mix. All indicators will flash blue three times to confirm your action.
- 5 Repeat steps 3 and 4 to record any further steps within your scene; up to 100 steps can be recorded for each scene.

Note: If two consecutive steps contain exactly the same color mixes, they will be automatically merged into one scene during the saving process.

6 Once all steps have been recorded for the scene, press and hold the **Off/Pro** button for three seconds until only its indicator remains lit in blue - this shows that you have exited from programming mode.

APPLYING FADE TIMES TO SCENES

The panel allows a wide range of fade times to be applied to scenes.

TO APPLY A FADE TIME TO A SCENE

- 1 Ensure that the panel is on, but not in programming mode: Just one scene button should be lit and not be flashing.
- 2 Press and hold the required scene preset button. After three second its indicator will begin to flash. Keep holding the button down throughout this procedure.
- 3 Adjusting the master fader to the desired fade time (ranging from 0 to 600s). You should see the chosen color chase react to the changing fade time, although slower times will obviously react very slowly.
- 4 Release the button. All indicators will flash three times. You will need to select another preset and then go back to the changed one to see the effect.

RESTORING DEFAULT SETTINGS

If required, you can return the panel to its standard settings, including the scenes stored within the six presets.

TO RESTORE DEFAULT SETTINGS

- 1 Remove power from the panel.
- 2 Press and hold the SC1 button and restore power to the panel.
- 3 After three seconds, release the SC1 button. All indicators will flash three times to indicate a successful restoration of default settings.

OPERATION

SWITCHING BETWEEN ON AND STANDBY

Once power is applied, press and release any button to switch the panel on.

To switch the panel off: Press and release the **Off/Pro** button.

SELECTING SCENES

Up to six scenes can be selected using the preset buttons on the front panel and/or using the supplied remote controller.

TO SELECT A SCENE USING THE FRONT PANEL

- 1 Press the required scene preset button (labeled SC1 to SC6).
- 2 Additionally, you can make other adjustments:
 - Use the Master/Fade fader to adjust the overall intensity.
 - Use the six channel faders to mix colors on-the-fly.
- 3 Additionally, you can make other adjustments:
 - Use the Master/Fade fader to adjust the overall intensity.
 - Use the six channel faders to mix colors on-the-fly.

Note: The temporary changes you make to the channels will remain only until the next change of scene preset.

TO SELECT A SCENE USING THE REMOTE CONTROL

Note: You need to remove the plastic battery tab before the remote control will operate.

- 1 From a distance of less than 30 feet (9 meters), point the front of the remote control at the panel.
- 2 Press the required scene preset button (labeled SC1 to SC6).
- 3 Additionally, you can make other adjustments:
 - Use the Master **▲** and **▼** buttons to adjust the overall intensity.
 - Use the six channel buttons to mix colors on-the-fly: Press a channel button (CH1 to CH6) and then press the Up/Down buttons to adjust the chosen channel.

Note: The temporary changes you make to the channels will remain only until the next change of scene preset.



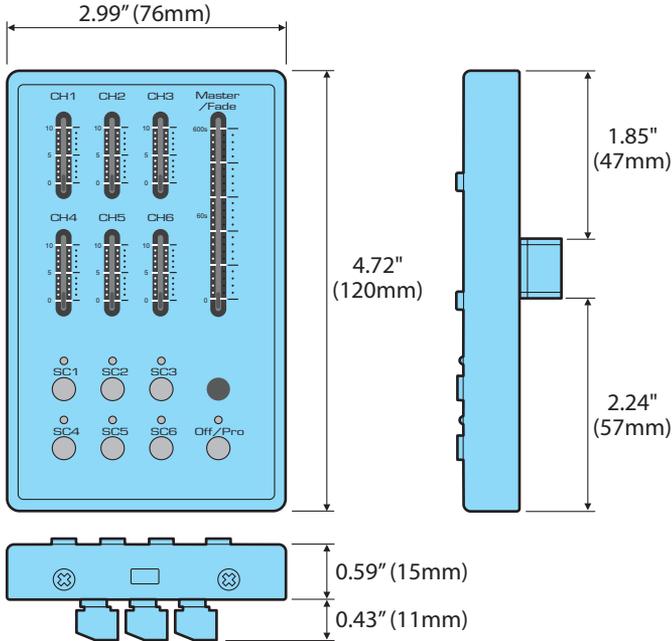
FURTHER INFORMATION

SPECIFICATIONS

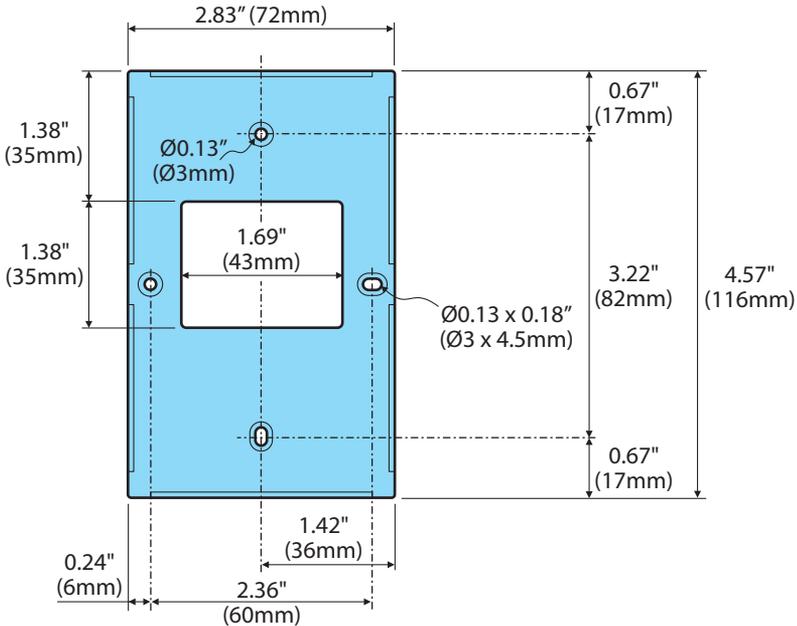
DMX output	6 channels
DMX input	6 channels, overrides dimmer levels for programming
Interface	Dimmable faders and preset buttons
Mounting	Single gang US or EU-type electrical box (not included)
Material	Aluminum housing, glass panel
Finish	White
IP rating	IP20, dry location
Operating voltage	12-24VDC, 500mA (6W power adapter included, 100-240VAC)
Operating temperature	32°F to 104°F (0°C to 40°C)
Weight	0.3 lbs (140g)
Certifications	

DIMENSIONS

MAIN BODY (US VERSION)

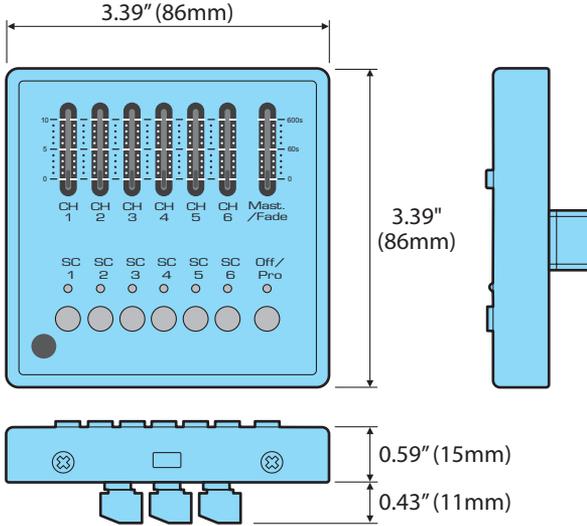


BACK PLATE (US VERSION)

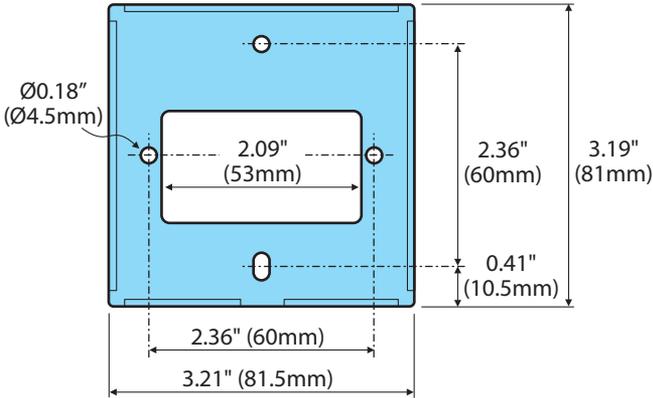


DIMENSIONS (CONT)

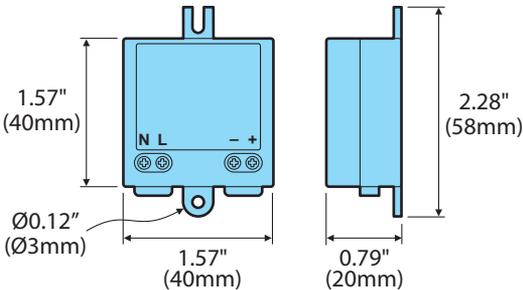
MAIN BODY (EU VERSION)



BACK PLATE (EU VERSION)



POWER SUPPLY



LIMITED PRODUCT WARRANTY

A. Acclaim Lighting™ hereby warrants, to the original purchaser, Acclaim Lighting finished products to be free of manufacturing defects in material and workmanship for a standard period of:

- Fixtures: 5 Years (1,825 days) from the date of purchase.
- Drivers, power supplies and accessories: 5 Years (1,825 days) from the date of purchase.
- Flex Products: 3 Years (1,095 days) from the date of purchase.
- Controllers: 2 Years (730 days) from the date of purchase.

It is the owner's responsibility to establish the date and place of purchase and warranty terms by acceptable evidence, at the time service is sought.

B. For warranty service, send the product only to the Acclaim factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Acclaim Lighting will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, Acclaim Lighting shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof. Acclaim reserves the right to replace the item with same or similar product at its discretion.

C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which Acclaim concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Acclaim Lighting factory unless prior written authorization was issued to purchaser by Acclaim Lighting; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check-up nor do we guarantee as part of this warranty any lumen performance during period. Parts not covered by this warranty include: fuses, external power supplies, third party items not manufactures by Acclaim lighting. During the period specified above, Acclaim Lighting will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Acclaim Lighting under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Acclaim Lighting. At no time will installation or re-installation or products labor or liability costs will be assumed by Acclaim Lighting. All products covered by this warranty were manufactured after January 1, 2012, and bear identifying serial number marks to that effect.

E. Acclaim Lighting reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products describe above. Except to the extent prohibited by applicable law, all implied warranties made by Acclaim Lighting in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired.

F. Marine or extreme weather location applications using Acclaim lighting products are subject to a 2 year limited warranty and Acclaim must be notified prior to delivery of units for such applications so that preventative treatment can be made to the products to ensure proper performance and product life with a special marine code coating / sealing process at an additional cost.

G. The consumer's and or dealer's sole remedy shall be such repair or replacement as is expressly provide above; and under no circumstances shall Acclaim Lighting be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product. This warranty is the only written warranty applicable to Acclaim Lighting products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

www.acclaimlighting.com