

ARRI

LIGHTING

IMAGINE 2

250/500 channel
lighting control system



-  250 or 500 channels, up to 1500 dimmers
-  2 auto/manual playbacks
-  24 timed/manual submaster faders
-  2 submaster pages
-  Powerful manual and soft effects package
-  Up to 640 macros/digitiser regions
-  400 cues per show
-  HELP and online operator prompts
-  Dual processor backup options
-  MIDI and RS232 serial interfaces
-  8 remote macro functions
-  Wired or infra red remote control options
-  Designer Graphic Tablet option

Imagine 2 – a study in supple power and sophistication, setting the standard in high end lighting control. Imagine 2 has an elegant new console design, numeric face panel displays as standard, and a number of significant software enhancements, based on ARRI's policy of continuous product evolution.

A large range of system configurations makes Imagine 2 ideally suited to a wide variety of applications. The ARRI Designer Graphic Tablet also turns Imagine 2 into a powerful colour change and moving light controller.

At either 250 or 500 channels and 1024 dimmers as standard, Imagine 2 is set to build on the popularity of Imagine as a favourite of larger theatres and broadcast studios. Imagine 2 has a vast repertoire of functions, but is never confusing. HELP and operator prompts make learning Imagine 2 easy and quick.

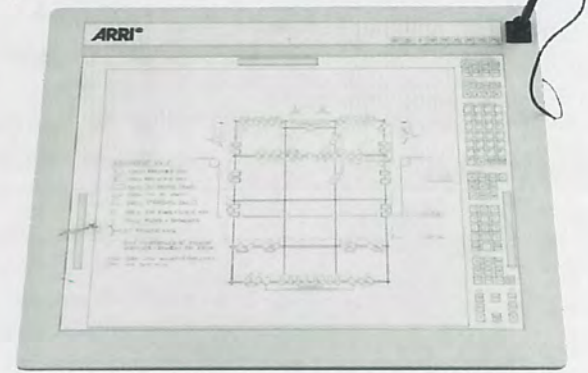


Imagine 2
500 channels
& up to 1500
dimmers

Designer's Graphic Tablet

The Graphic Tablet is a sophisticated designer's remote control, featuring all the major functions of Imagine 2 and Impuls 2, as well as a free drawing area which can be used for light plots, sketches or any representation you want of your show. Just touch any lamp, group or function on your drawing with the stylus, and you have instant control of the lights associated with it – no need to remember channel numbers!

The Graphic Tablet is a great way to control moving lights and colour changers. Many of these devices are DMX compatible, but controlling them with a keyboard and a wheel can be a nightmare.



The tablet can be used to prepare a show prior to rehearsal, then save time in lighting over the actors – it's a superb stalls desk! Or it can be used with an Imagine 2 processor module as a Designer Workstation, or as a graphic control surface for current affairs studios or architectural control systems. Two versions are available, allowing a maximum drawing area close to A3 paper size.

Flexichannel

New to Imagine 2 is flexichannel display mode – you can choose to display channels in fixed rows or columns, and flexichannel even allows you to view only the channels in use in today's show – a real boon in larger installations.



Imagine 2 is an operator's console. With a logical and open user interface, users are soon working faster than ever before. All the major functions are grouped ergonomically together, and operation is always clear and logical.

Imagine 2 can be configured the way you want it to work. For example, you have the choice between level and rate override of fades – you set up the system to suit your personal preference.

Imagine 2 builds on the success of Imagine 1, with a number of intelligent refinements, many of which are the direct result of suggestions from existing ARRI console users.

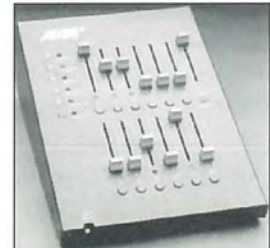
Imagine 2 can communicate with PCs and modems for remote or automatic operation in robot studios and event control applications, and a MIDI interface allows lighting to be fully integrated with music or multi-media events.

Two Imagine 2 consoles may be linked together, either in tracking backup mode or, via MIDI, to synchronise playback in big shows. Double processor systems are available, as well as specials for control of remote television studios, multi-media experiences and theme park rides.

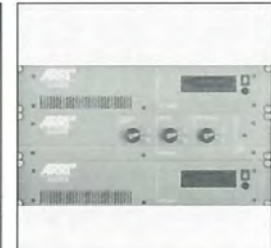
Whatever your system design problems, Imagine 2 is the intelligent solution.

Imagine 2

250 channels & up to 1024 dimmers



Reflexion
Backup console with 60 backup memories for extra security



Tracking Backup
Dual processor system with changeover module for total security



IR Remote Control
Unique handheld remote works with cable or infra red receivers



Wired Remote
Connexion Remote Control Unit, with 36 functions and large display



Remote Monitor
12" monochrome monitor for use in a remote location



Designer's Graphic Tablet
12"x12" or 12"x17" (illustrated), which requires expanded memory



Alpha Keyboard
Keyboard for text entry – requires expanded memory



Output Module
Receives Imagine 2's DMX512 digital output and drives 32, 64 or 96 analogue dimmers



Printer
High quality dot matrix printer for a wide range of hard copy reports



ETC Edit
Prepare shows on your PC and swap data between any ARRI console or text files

Imagine 2 is more than just a console – it's a complete system of control elements, which may be configured in many ways, for a wide variety of applications. In most cases, a straightforward console version will be fine, but talk to us about system configurations for special situations.

Memory Capacity

- 250 or 500 channels
- 400 cues per show
- Two pages of 24 submasters
- Proportional softpatch of up to 1024 DMX512 dimmers (optionally 1500)
- 10 assignable dimmer profiles
- 125 (640 with expanded memory) macros or Designer Graphic Tablet regions
- Text labels (with expanded memory) for shows, cues, submasters and groups
- Battery support of memory when powered down
- Real Time Clock to program up to ten events at specific times/days of the week

Display Functions

- One TTL video output for colour or mono monitor (2 for 500 channel systems)
- One RS-170 video output for remote mono monitor (2 for 500 channel systems)
- Display modes - output - blind - fader - softpatch - track sheet - setup - help
- Flexichannel display mode, allows channel display in fixed rows or columns or in flexible columnar format, showing only the channels used in the current show
- Large face panel display windows showing channel - level - record cue - A/B cue - C/D cue - next cue and Grand Master status
- Cue/Show overwrite warning buzzer with volume control pot

Imagine 2 drives colour and mono monitors in parallel, so you can work in colour in the control room, and mono in the auditorium or dimmer room.

Channel Control

- Digital Fader wheel with tactile feedback for proportional control of channels and groups
- AND, THRU, EXCEPT, FLASH and SOLO functions for selection of channels
- DIMMER function for selecting and working with individual dimmers
- AT intensity function
- User-definable ON function to set channels to pre-set reference level
- RELEASE function to restore captured channels

Imagine 2's clear and logical channel control functions make cue writing and editing simple, straightforward – and very fast.

Cue Functions

- Cue selection for cue numbers 0.1 to 999.9
- Clear cues function
- Discrete UP, DOWN and WAIT fadetimes for each cue
- Multistep cues with up to eight concurrent fades, each with its own Up, Down and Wait times
- User definable default fadetimes
- LINKed cue loops and sequences

Submasters

- 24 submaster faders with associated bump switches
- Fully overlapping submaster level memories
- Two pages of submaster memory per show
- Seamless page change function
- Up to 12 submasters may optionally be used as inhibitive submasters

The 48 available submaster memories may be used to improvise manual shows, as standby memories, or as building blocks for complex cue sequences.

Playbacks

- Two timed/manual fader pairs, allowing playback of two separate cue and effect sequences
- 0.1 second to 99:59 minute fadetimes
- Manual operation or override of UP and DOWN fades
- Choice of level or rate override modes
- Crossfades, split-time, multistep and pile-on fades, plus effects and subroutine playback with manual rate and level control
- Back and manual reverse functions
- Blackout function
- Grand Master fader

Effects & Subroutines

- Up to 400 effects, recordable as cues for automatic or manual playback
- Two manual effects modules, with chase and audio step modes
- Subroutines enable users to program complex cue/effect sequences, using existing cues as building blocks

Interfaces

- Parallel printer interface
- MIDI in, MIDI out

- Remote macro connector, allowing control by external contact closures of eight macros
- Serial (RS232C) interface, for serial printer or remote operation from PC or other RS232 source. Also allows two Imagine 2 consoles to be used together in redundant tracking mode

System Options

- Designer Graphic Tablet with 12"x12" or 17"x12" area
- Alpha text keyboard
- Infra red remote control interface card
- Connexion Output Modules to receive DMX512 digital dimmer data and output 32, 64 or 96 analogue signals at output voltages, up to + or - 12.5Vdc
- Internal memory expansion card, required for alpha text storage, 17"x12" graphic tablet and 640 macros
- Wired/IR handheld remote control unit
- Wired only remote control unit
- Infra red receiver unit
- Remote 12" mono monitor
- System printer
- Reflexion backup console

Redundant Tracking Backup

- Two identical Imagine 2 consoles may be linked together so that one mimics the function of the other, for complete performance backup of critical events
- One Imagine 2 console may be configured with two processor modules, linked by a changeover switching module, for complete security in performance conditions

MIDI

- Cue and submaster playback codes may be received or transmitted by Imagine to or from any suitable MIDI device
- Any ARRI Impuls, Mirage or Imagine consoles running MIDI software may be linked together to synchronise cues for complex shows

Size and Weight

- 1118mm long x 388mm deep x 153mm high
- 21.5kg

Electrical (console)

- 100-250Vac, 50/60Hz auto ranging
- 65 watts max.

In order to maintain the highest possible standards, ARRI (GB) Ltd reserves the right to alter specifications without notice

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