

APPLICATIONS

As with the existing iLive products, there is huge flexibility in the choice of systems which can be built, from a minimised iDR-16 with tablet/laptop to the fully loaded iDR10 with iLive-176 control surface.

Just a few of the many configuration options:

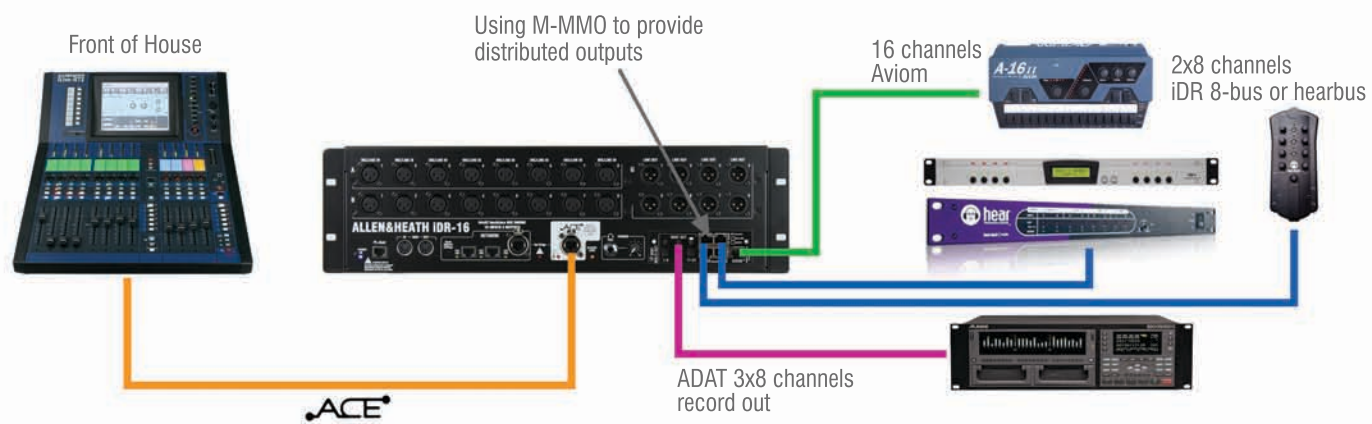
iDR-16 plus laptop with iLive Editor software:



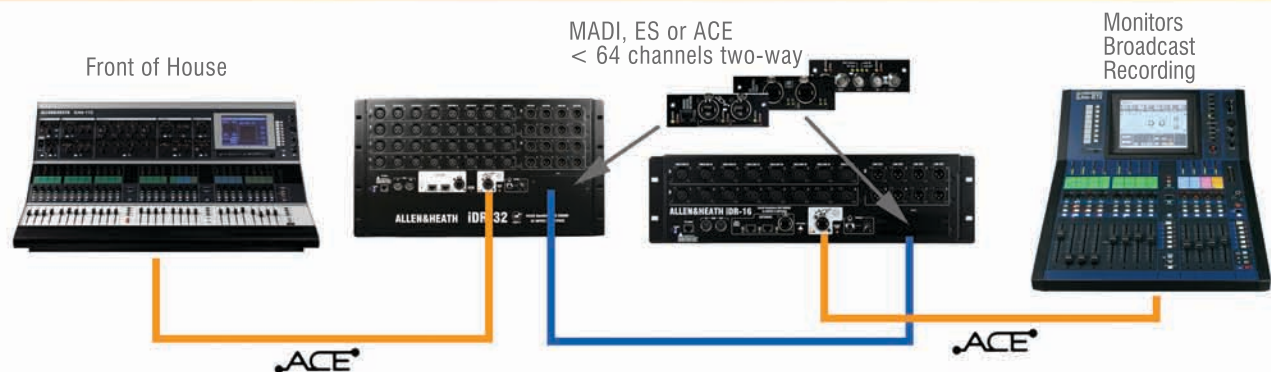
iDR-16 & R72 in FOH/Monitor application



Using the MMO to provide distributed outputs



FOH master with digital split to MONS/Broadcast/recording



Introducing the smallest footprint in the iLive family



iLive-R72 iDR-16



- Compact, rack-mountable, lower cost additions to iLive range
- **NEW** 16 input, 8 output MixRack with full 64x32 RackExtra DSP
- **NEW** 72-strip Control Surface with 8 inputs/8 outputs available locally
- Fully compatible with other components in the iLive series
- 8 high quality FX emulation engines of industry classics
- Distributed audio system using ACE™ over Cat5 cable up to 120m
- All processing available at all times, eg 32 GEQ, delays on ins and outs
- Plug in slot for many network and interface options eg. ES, MADI and ADAT
- Common firmware - simple USB file transfer between all iLive systems

ALLEN & HEATH
INNOVATING AUDIO SINCE 1969

The iLive-R72 and iDR-16 combine to provide a new space-saving, lightweight, rack-mountable digital live mixing system. Together, they bring the same power, sound quality and system flexibility of the large touring iLive systems into to a more compact and affordable package.



All the superior sonic performance of the original iLive technology is presented in the new iDR-16 MixRack, featuring 16 recallable mic/line preamps and 8 balanced XLR outputs. Equipped with the same RackExtra DSP as all the other MixRacks in the range, the iDR-16 MixRack provides full processing and mixing for 64 channels and 32 configurable mix buses as well as 8 stereo FX engines based on emulations of popular industry classics.

The iDR-16 can be used with just a laptop or touch tablet, MIDI, or with PL Series remote controllers, or connected to any one of the 7 Control Surfaces in the iLive range, from the iLive-R72 to the iLive-176.

The iDR-16 can process up to 64 channels split from another system using the Port B option slot in a split FOH / Monitor / Recording situation.

The MixRack and iLive-R72 surface are connected by a single CAT5 cable up to 120m long using Allen & Heath's proprietary ACE™ digital snake - an affordable, point-to-point multi-channel bi-directional audio and control link. Port B allows a plug-in card to be added for more audio networking possibilities (see opposite page).



iLive-R72 Control Surface

The new R72 Control Surface is a compact, rackmountable surface able to access and control no less than 72 channels, mixes and DCAs with its two banks of faders with 6 layers each. The channels can be assigned to any job, labelled and colour-coded using the virtual write-on strip, while all the system's functions are easily accessed using the iLive-R72's TouchScreen™ and the surface controls.

Its instantly accessible rotary controls and switches, visually informative channel labelling and colour coding, comprehensive metering, graphical colour touchscreen, and logical layout allows the user to avoid fiddly menus and instinctively find controls.

There are 8 inputs and 8 outputs available locally at the surface providing assignable analogue and digital line I/O, as well as an assignable talkback Mic input.



MIXRACK PORT B OPTIONS



M-MADI An option card which can be fitted to iLive to enable integration with other systems. MADI is an industry standard protocol for digital audio and it is typically used for multi-channel recording and playback. 75ohm coaxial cable runs of over 100m are possible, making it a frequent choice of equipment interconnection in gigs, studios, and broadcast applications.



M-ACE While a primary ACE link is integrated in iLive-R and iLive-T hardware units to provide an audio and control connection between the iDR MixRack and control surface, the M-ACE card offers a cost effective point-to-point connection up to 120m over CAT5 for 64 channels of audio with control at only 100µs latency, and provides system expansion with other ACE-compatible iLive modules for mic sharing (FOH/monitor digital split).



M-MMO The Mini Multi-Out card has 3 optical ADAT outputs (24 channels), an Aviom™ 16-channel output, and 2 iDR 8-bus outputs, which are HearBus™ compatible, providing a total of 56 outputs with independent patch-bay sourcing.



M-ES-V2 The EtherSound card provides bi-directional 64 channel audio with independent patch-bay sourcing. It enables integration between iLive systems and EtherSound-enabled equipment.