

# Digital Display System DDS<sup>®</sup>

*The MUST Have Studio System*



# Introduction to DDS

DDS (Distributed Display System) is a digital signage system customised to meet the needs of the Television and Radio broadcast industries.

The concept is to replace your existing On Air, Mic ON, Recording in Progress, Rehearsal, Applause, Caution, Quiet Please etc. signs with a single remote controlled display. DDS is user configurable allowing new messages and signage to be created on site and implemented in house.

This is an exciting new product that allows fast changes to your studio electronic signage, allowing you to customise what is displayed. It can be either automated or manually controlled, making ideal for audience prompt control.

Multiple manual controls can be used for the same display.

Each DDS device comes pre-loaded with 16 sets (Studio 1 to 16) of the following displays:

- Studio On Air (static)
- Microphone Live On Air (flashing)
- Recording In Progress (flashing)
- Studio Booked (static)
- Studio Undergoing Maintenance (static)
- Rehearsal (static)
- Applause (flashing)
- Quiet Please (static)
- Standby (static)

## Options

- IP GPI Box (24 inputs)
- IP GPI Box (64 inputs)
- Local GPI (8 inputs)
- DDS Server
- Remote control Button Box (16 buttons)
- Remote control Touch Screen device (programmable)
- WiFi for all devices
- Custom displays

## For Television

The multipoint control function is great for television. The Director, Floor Manager, Line Producer etc. can all have a simple controller to call up which ever display is required, at the touch of a button or a screen.

Television production teams now have the ability to display a number of different messages for each specific studio all on the one display.

Not just the old On Air light but now -

- ➔ On Air
- ➔ Rehearsal
- ➔ Audience Prompts
  - Applause
  - Quiet Please
  - Laugh
  - Boo
  - Shout
  - Chant (*text*)
  - etc
- ➔ Recording in Progress (*flashing*)
- ➔ Studio Booked (*Date and Times*)
- ➔ Studio Close for Maintenance

***or any message you need to display***

## For Radio & Recording Studios

For radio broadcasters you now have the ability to display a number of different messages for each studio all on the one display.

Not just the old On Air light but now -

- ➔ On Air
- ➔ Microphone Live (*flashing*)
- ➔ Studio On Air to *destinations*
- ➔ Recording in Progress (*flashing*)
- ➔ Studio Booked (*Date and Times*)
- ➔ Studio Close for Maintenance

***or any message you need to display***

DDS can interface to your existing GPOIs or at an IP level.

Supported IP studio equipment includes :

- Lawo Crystal
- Lawo Sapphire
- Lawo Nova 73 router
- Axia Studios
- Klotz Communications Studios and Routers

# DDS Operation

Each DDS device can be controlled in several different ways.

1. Stand alone (local GPIs control the display)
2. Networked (display is controlled over an IP network, integrated directly to your studio equipment)
3. Remote button boxes (mechanical button or touch screen unit)
4. Any combination of 1 .. 3

DDS operates in the following way.

Each DDS device has three essential displays.

1. Idle display – this is displayed when no default is configured
2. Default display – this is activated on any OFF command and can be set or changed 'on the fly' by a GPI command.
3. Selected display – triggered by an ON command.

Display files can be edited or added while the system is running. Changes are made over the IP network and a automatically updated on each selected DDS device.

## ***Speed Message***

A 'Speed Message' is a text message that can be sent to any DDS device on the network and be displayed immediately and / or become the Current Default.

The 'Speed Message' software is supplied with each device. Please specify if you require the Windows or Linux version.

The Text color, Font Size and Background color are pre-set in a config file.

# Pre-Configuration

DDS is normally supplied pre-configured to meet your requirements.

Included in the package is :

- pre-loaded messages (16 studios)
- GPI configuration
- IP address configuration
- User software
- Device pre-licenced
- User handbook
- Installation notes

## Pre-Delivery Form

Parameter	Value
Name	
ID	
DDS Device IP Addr	
Studio Equip Manufacture	
Studio Equip Model	
Local Studio IP Addr	
MCR IP Addr	
GPI Box IP Addr	
Button Box IP Addr	
WiFi IP Addr	
Text display font size	
Text display font color	
Text display background color	
Idle display filename	

## GPI Configuration Form

Studio Name and Number \_\_\_\_\_

GPI Num	Make Default	Local Hw GPI File name	Local Studio IP File name	MCR IP File name	GPI Box File name	DDS Server File name
1						
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<b>GPI Num</b>	<b>Make Default</b>	<b>Local Hw GPI File name</b>	<b>Local Studio IP File name</b>	<b>MCR IP File name</b>	<b>GPI Box File name</b>	<b>DDS Server File name</b>
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