

*Fiber Optic  
Digital Signage System  
DFL-1500*

**PIDIS**

*Digital & Analogue Technology*

## Table of Contents

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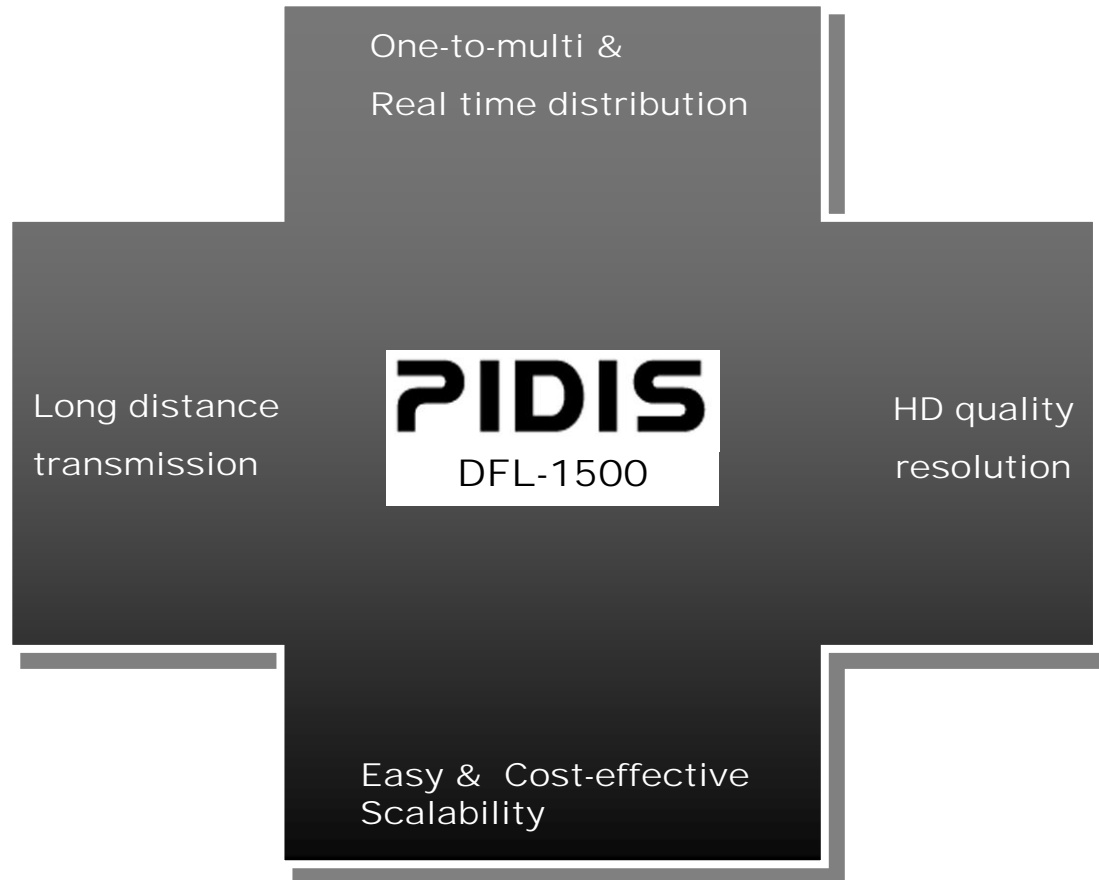
1. PIDIS series
2. DFL-1500 – Overview
3. DFL-1500 – Main Features
4. DFL-1500 – Example of Typical Application
5. DFL-1500 – Technical Specifications
6. DFL-1500 – Location of each component
7. Applications

## 1. PIDIS series

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- Fiber Optic Transmitter (TX)
  - DFT-2000
  - DFT-2400
  - DFT-2800
  
- Fiber Optic Receiver (RX)
  - DFX-2000
  
- Fiber Optic Splitter
  - DFS-1400 (available from Q1 of 2008)
  - DFS-1400R (available from Q1 of 2008)
  - DFS-1800 (available from Q1 of 2008)
  - DFS-1800R (available from Q1 of 2008)
  
- LCD type with built-in RX & Audio
  - DFL-1xxx series (15", 17", 19")
  - DFL-2xxx series (26")
  - DFL-3xxx series (32", 37")
  - DFL-4xxx series (40", 46")
  - DFL-5700 (available from Q2 of 2008)
  - DFL-7000 (available from Q2 of 2008)
  - DFL-8200 (available from Q2 of 2008)
  - OEM/ODM (any size is available)
  
- PDP type with built-in RX & Audio
  - DFP-4200
  - DFP-5000
  - OEM/ODM (any size is available)

## 2. DFL-1500 – Overview



**PIDIS** is an abbreviation of **P**ublic **I**nformation **D**ISplay

### 3. DFL-1500 – Main Features (1)

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➤ **15” LCD type DS (Digital Signage) system**

- 3 in 1 solution (15” LCD + built-in RX + built-in Audio)

➤ **Long distance delivery maintaining video quality**

Extends up to 66,000ft(20,000m) over single fiber mode in case of one-to-one point.

No inferiority of video quality.

➤ **A one to multi-point distribution**

Can distribute same content at multiple locations at the same time without distortion of video quality.

➤ **Real-time display**

Consumers are reluctant to give their attention to the stored-loop message/content because it's not active.

Live and dynamic real time information, that's they really want.

➤ **Very low maintenance & repair cost**

Compared with UTP (coaxial cable) solution, failure rate is very low.

Fiber solution is not affected by electromagnetics, which is one of the main reasons of maintenance & repair.

### 3. DFL-1500 – Main Features (2)

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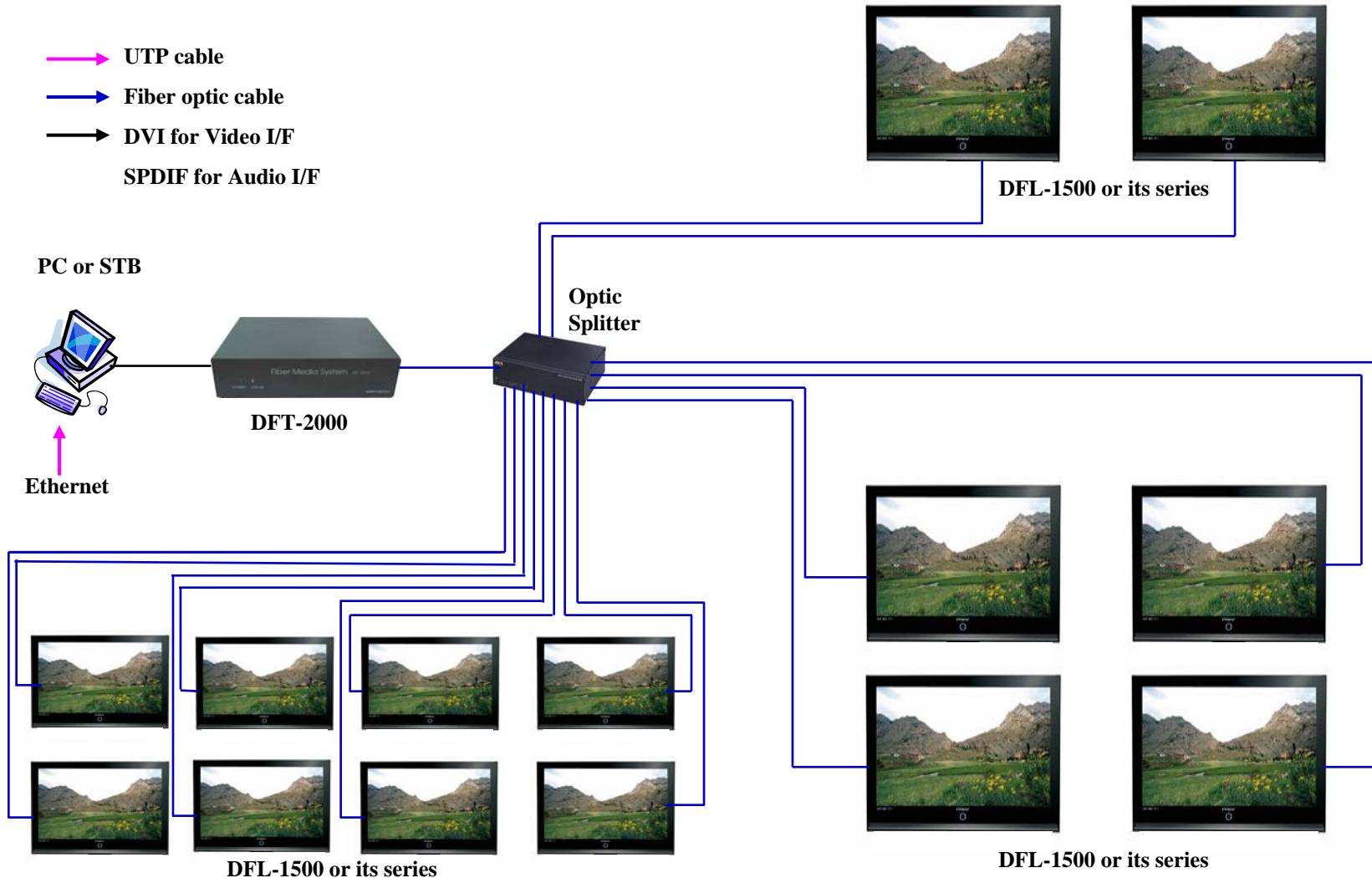
➤ **Cost effective solution**

- Can save installation cost and time
- One transmitter (TX) covering up to 32 screens at a time  
(More than 32 screens, use our splitter with built-in repeater for unlimited expansion)

➤ **Easier scalable**

- Can easily add up screens with low cost.
- No additional TX is required

# 4. DFL-1500 – Example of Typical Application



## 5. DFL-1500 – Technical Specifications

- Electrical Spec.
  - Input Voltage: DC 12V
  - Input Current: 1.6A
  - Power Consumption: 23Watt
- Signal Interface
  - Signal Input: Single Fiber type
  - Fiber Optical Input Connector: FC
  - Display: 15" LCD
  - Video Resolution: 1024(H) x 768(V)
  - Audio Output: Stereo (Max. 2Watt)
- Optic Spec.
  - Optical Wave Length: 1310nm
  - Fiber Input Gain: -22dB (Min.)
  - Connector type: FC
- Temperature & Humidity
  - Operating Temperature: 0~45 °C
  - Storage Temperature: -20~60 °C
  - Operating Humidity: 10~85% at 25 °C
  - Storage Humidity: 10~90%
- Dimension & Weight
  - Dimension: 333 x 260 x 35mm
  - Weight: 3.5Kg

## 6. DFL-1500 – Location of each component

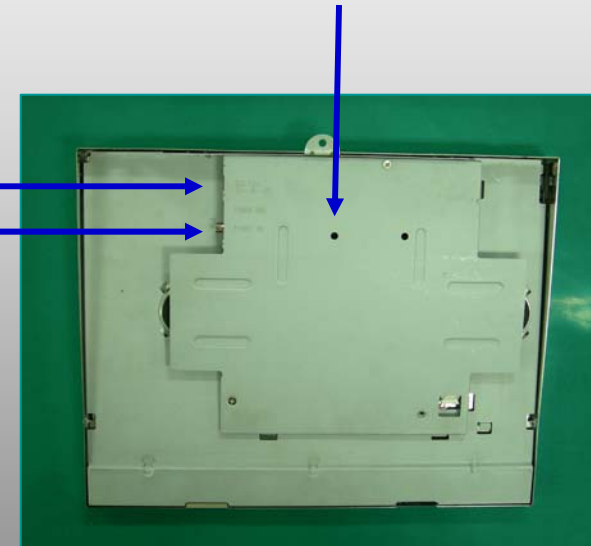
Hoe for fixing Switch for sound level setting



Status indicating LED

Power input port

Optical input port



## 7. Applications

Digital Signage has very large range of applications, and there's almost no limitation in its use

- Retails
- Supermarkets
- Shopping Malls
- Groceries
- Hospitality
- Healthcare
- Point of purchase advertising
- Airports
- Train / Subway Stations
- Theaters
- Corporate
- Museums / Schools
- Government etc.

**DFL-1500**  
**Elevators in**  
**apartments**



**DFL-4600**  
**Theater Lobby**



**DFP-4200**  
**Subway Stations**  
**Platform**



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*Thank you very much  
for your kind attention*

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