



# J-TECH DIGITAL®

## USER MANUAL



### DIGITAL TO ANALOG AUDIO DECODER JTD-820

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**HDMI™**  
HIGH DEFINITION MULTIMEDIA INTERFACE



**CE** **FC**

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## **1. Introduction**

The Digital to Analog Audio Decoder features an integrated 24 bit audio DSP. This unit can decode a variety of digital audio formats, including Dolby Digital (AC3), DTS and PCM. It can simply connect an Optical (Toslink) or Digital Coaxial Cable to the input, then the decoded audio can be transmitted as 2 channel analog audio via the Stereo RCA output or the 3.5mm output (suitable for headphones) simultaneously.



**DOLBY**  
AUDIO

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## 2. Features

- Decode Dolby Digital (AC3), DTS or PCM digital audio to stereo audio output.
- Support PCM 32KHz, 44.1KHz, 48KHz, 88.2KHz, 96KHz, 176.4KHz, 192KHz sample frequency audio decode.
- Support Dolby Digital 5.1 channels, DTS-ES6.1 channels audio decode.
- No need to install drivers. Portable, flexible, plug and play.

### **3. Specifications**

Input Ports: 1 x Optical (Toslink), 1 x Digital Coaxial

Output Ports: 1 x RCA (L/R), 1 x 3.5mm (Headphone)

Signal to Noise Ratio: 103db

Degree of Separation: 95db

Frequency Response: (20Hz ~ 20KHz) +/- 0.5db

Dimensions: 72mm(D)x55mm(W)x20mm(H).

Weight : 40g

#### **4. Package Contents**

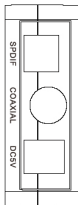
Before using this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- 1) Audio Decoder -----1PCS
- 2) 5V/1A DC Adaptor-----1PCS
- 3) User Manual -----1PCS

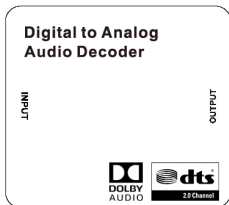
## 5. Panel Descriptions

Please study the panel drawings below and be familiar with the signal input(s), output(s) and power requirements.

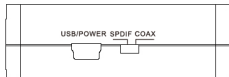
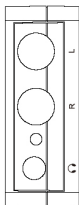
Back Panel



Top Panel



Front Panel





## 6. Connection Diagram

1. Connect a source (e.g. Blu-Ray Player, game console, A/V Receiver, etc.) to the audio Decoder's SPDIF input port by fiber cable or Coaxial input port by coaxial cable.

2. Connect a headphone or analog audio amplifier to the audio output port on the Decoder.

3. Power on the Decoder and select the switch to your need audio input port.

### 4. LED Status Indicator

Red always: PCM decoder or No signal

Red blinking: Dolby decoder

Green blinking: DTS decoder





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