

音频光纤延长器说明书

特别提示

在使用本产品之前，请务必先仔细阅读本使用说明书。
请务必妥善保管好本书，以便日后能随时查阅。
请在充分理解内容的基础上，正确使用。
本公司保留对产品进行更改的权利，由于技术更新产品参数变化恕不另行通知。

产品介绍

这款高性能小型光纤延长传输音频光端机，采用最新的大规模可编程集成电路及全数字无压缩技术，可实现把音频信号进行远距离传输20KM，它具有优良的传输能力、集成度高、结构简单、兼容能力强、功耗低，使信号输出更加稳定，可广泛应用于视频会议、多媒体教学、证券金融、办公空间等领域。

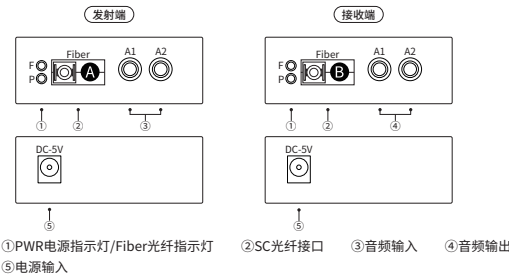
产品特点

- 音频传输距离可达20KM；
- 155Mbit/s全数字光纤传输平台；
- 广播级音效，无损传输、高保原音质；
- 采用进口优质芯片，兼容性强、传输持久稳定；
- 安装简单、即插即用、无需设置。

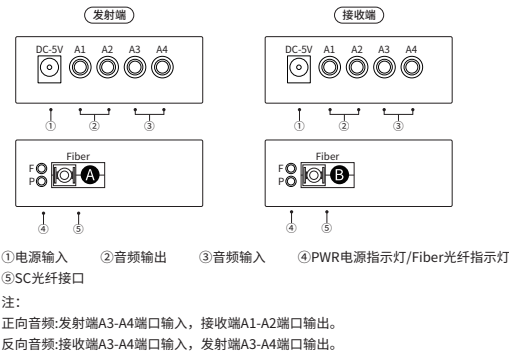
(以产品实物为准)

面板介绍

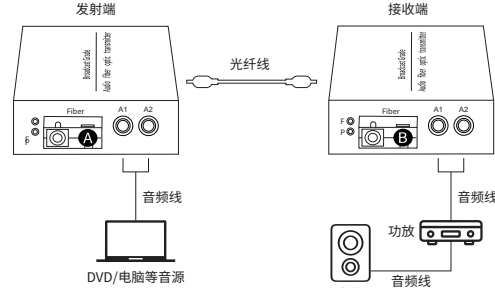
2路单向音频光端机



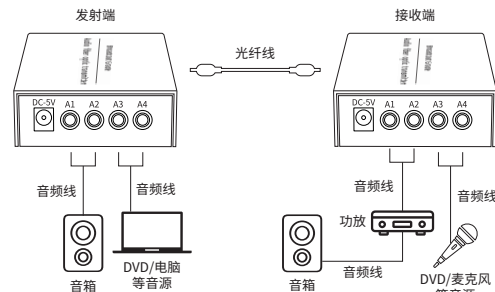
2路双向音频光端机



2路单向音频光端机连接示意图



2路双向音频光端机连接示意图



温馨提示：
严禁用功放输入给光端机！

技术参数

传输介质	单纤单模
光纤接口	SC光纤口
光纤传输距离	0-20公里
音频接口	RCA接口
量化等级(数码位宽)	16bit(24bit)
音频输入/输出电压	2VP-P(峰-峰值)
音频带宽	20Hz~20kHz
音频信噪比(加权)	S/N≥85dB
输入阻抗(Line-in) 600/47K	平衡/非平衡
输出阻抗(Line-out) 600/10K	平衡/非平衡
采样频率	48KHz
电源适配器规格	直流输出:5V/2A
工作温度	0~40℃
工作湿度范围	5~85%RH(无冷凝)
机器尺寸(发射端与接收端尺寸相同)	94x71x26.5(mm)
机器重量(单个)	260g

配件清单

序号	名称	数量	备注
1	产品主机	2	
2	电源适配器	2	
3	用户手册	1	

Audio Fiber Extender Manual

Special Tips

Before using this product, please read this manual carefully.
Please keep this manual of future reference.
Please use the product properly and with full understanding of the contents.
We reserve the right to make changes to the product without notice due to technical updates.

Product Description

This high-performance small fiber optic extension transmission audio optical transceiver, using the latest large-scale programmable integrated circuits and all-digital uncompressed technology, can achieve the audio signal for long-distance program transmission 20KM, it has excellent transmission capacity, high integration, simple structure, compatibility, low power consumption, so that the signal output is more stable, and can be widely used in video conferencing, multimedia teaching, securities and finance, office space and other fields.

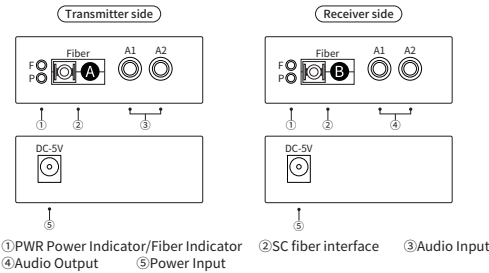
Product Features

- Audio transmission distance up to 20KM;
- 155Mbit/s full digital fiber optic transmission platform;
- Broadcast-quality sound, lossless transmission, high preservation sound quality;
- Adopting imported high-quality chips, strong compatibility, long-lasting and stable transmission;
- Easy installation, plug and play, no setup required.

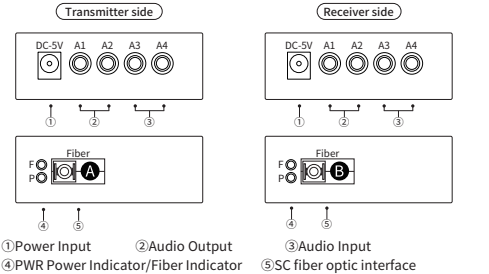
(Please refer to the actual product)

Panel Introduction

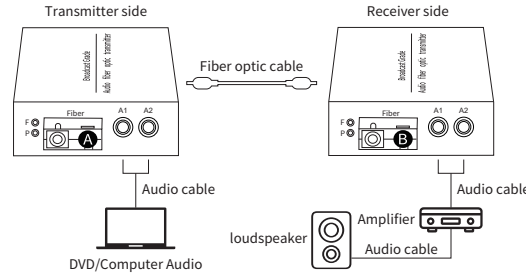
2-way audio optical transceiver



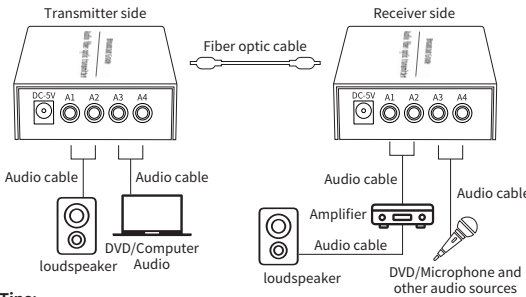
2-way bi-directional audio optical transceiver



Connection diagram of 2 way audio optical transceiver



Connection diagram of 2 way bi-directional audio optical transceiver



Tips:
Do not use power amplifier input to the optical transceiver!

Technical Parameter

Transmission medium	Single fiber single mode
Optical interface	SC fiber optic port
Fiber Transmission Distance	0~20KM
Audio interface	RCA interface
Quantization level (digital bit width)	16bit(24bit)
Audio Input/Output Voltage	2VP-P (peak-to-peak)
Audio bandwidth	20Hz~20kHz
Audio signal-to-noise ratio (weighted)	S/N≥85dB
Input Impedance (Line-in) 600/47K	Balanced/unbalanced
Output Impedance (Line-out) 600/10K	Balanced/unbalanced
Sampling frequency	48KHz
Power Adapter Specifications	DC output: 5V/2A
Operating temperature	0~40℃
Operating humidity range	5~85% RH (non-condensing)
Machine size (transmitter and receiver are the same size)	94x71x26.5 (mm)
Machine weight (single)	260g

Packing list

No.	Parts	Quantity	Note
1	Product Host	2	
2	Power adapter	2	
3	User Manual	1	

安全使用须知

为确保设备可靠使用及人员的安全，请在安装、使用和维护时，请遵守以下事项：

■ 请勿在下列场所使用本产品：有灰尘、油烟、导电性尘埃、腐蚀性气体、可燃性气体的场所；暴露于高温、结露、风雨的场合；有振动、冲击的场合。电击、火灾、误操作也会导致产品损坏和恶化；

■ 避免带电状态进行接线、插拔电缆插头，否则容易导致电击，或导致电路损坏；

■ 安装和接线必须牢固可靠，接触不良可能导致错误操作；

■ 本产品通过电源线的接地导线接地，为避免电击，必须将接地导线与大地相连，在对本产品的输入端或输出端进行连接之前，请务必将本产品正确接地；

■ 必须将外部电源全部切断后，才能进行安装、接线等操作，否则可能引起触电或设备损坏；

■ 在下列情况下，请立即断开电源，并与公司联系：

1. 设备进水；
2. 设备摔坏或机壳破裂；
3. 设备工作异常或展示的性能已完全改变；
4. 设备产生气味、烟雾或噪音。

■ 请不要自己修理设备，除手册中有明确指示外。

Safety instructions for use

To ensure the reliable use of the equipment and the safety of personnel, please observe the following when installing, using and maintaining.

■ Do not use the product in the following places: places with dust, oil fumes, conductive dust, corrosive gases, combustible gases; places exposed to high temperature, condensation, wind and rain; places with vibration and shock. Electric shock, fire, misuse can also lead to damage and deterioration of the product.;

■ Avoid wiring, plugging and dialing cable plugs in a charged state, which may easily lead to electric shock or cause circuit damage to bonus;

■ Installation and wiring must be solid and reliable, poor connection may lead to misoperation;

■ This product is grounded through the grounding conductor of the power cord. To avoid electric shock, the grounding conductor must be connected to earth, and the product must be properly grounded before making connections to the input or output of this product;

■ The external power must be completely disconnected before installation, wiring, etc., or else electric shock or equipment damage may result;

■ In the following cases, please disconnect the power immediately and contact the company:
1. Water enters the equipment.
2. The equipment is broken or the case is cracked.
3. The equipment works abnormally or the demonstrated performance has been completely changed.
4. The equipment produces odor, smoke or noise.

■ Do not repair the equipment yourself, except as expressly instructed in the manual.