



# ChairSpeaker

With Voice Enhancing Technology



# USER MANUAL

IR 1.0

# Kare Speaker User Manual

Congratulations on the purchase of your new ChairSpeaker which is designed to help you and your loved ones watch TV together in a unique way. We appreciate your selection of our product and we are using this medium to welcome you to our family. We hope that you will take the time to view this manual in order to familiarize yourself with the product because it will assist you and answer any questions you might have setting up and using your new ChairSpeaker.

This manual will provide the product description, operation and installation instructions, it will demonstrate different setup configurations and will help you identify the best option for your situation, it will conclude with troubleshooting guides. This manual will help you learn to use and gain maximum benefit of the ChairSpeaker.

## **Contact**

If you should encounter some unresolved issues, or have any questions, suggestions, problems or concerns, please contact KARE Customer service department for further assistance.

Phone or text message: 205-594-1555

Email: [helpme@kareaudio.com](mailto:helpme@kareaudio.com)

WEB: [ChairSpeaker.com](http://ChairSpeaker.com)

## **30-day Money Back Guarantee**

KARE, LLC will honor a 30-day money back guarantee for KARE Products bought through [ChairSpeaker.com](http://ChairSpeaker.com). If for some reason you are not fully satisfied within 30 days of the purchase date, contact KARE Customer service, who will issue a Return Merchandise Authorization number (RMA) for the return. All returns must have a RMA number so we can make sure you receive a proper refund. - This is for product bought through [CHAIRSPEAKER.COM](http://CHAIRSPEAKER.COM) ONLY.

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# Safety Instructions

**All safety and operation instructions should be read and understood before operating this product and should be kept for future reference.**

For indoor use only.

This product should not be operated or submerged near water or in areas with moisture.

Clean with dry cloth only.

Do not subject this product to excessive heat conditions such as radiators, heat vents, stoves, amplifiers or any item that produces heat.

Do not adapt or modify any part of the speaker system.

Power cable should be routed clear of foot traffic and supported clear of kinking and abrasion.

Only use ChairSpeaker accessories and attachments with your speaker system.

Users should not attempt to service this product. Servicing for damages in anyway should only be done by an authorized service agent.

Do not use damaged products.

Do not use the ChairSpeakerProducts if it has been exposed to water and moisture.

## Warning

To prevent possible hearing loss, do not listen at high volume levels for long periods of time.

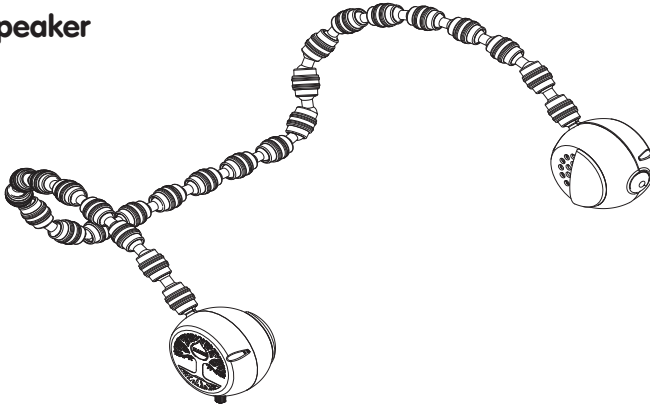
To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The product should not be exposed to dripping or splashing liquids. Do not place objects filled with liquid such as vases on or near the product.

### **MAGNETIC WARNING**

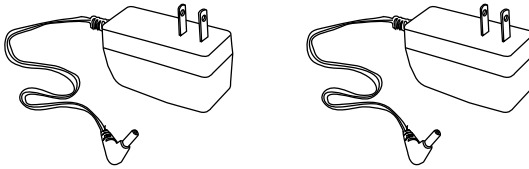
Do not place speakers near chest or in the vicinity of a pacemaker or defibrillator. If you have a concern, please contact your physician. As with all speakers, the ChairSpeakers have a magnetic field.

# Included In The Box

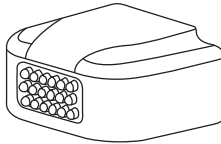
## (1) ChairSpeaker



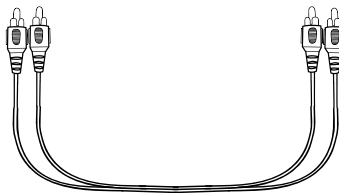
## (2) 12v AC adapters



## (1) IR TRANSMITTER



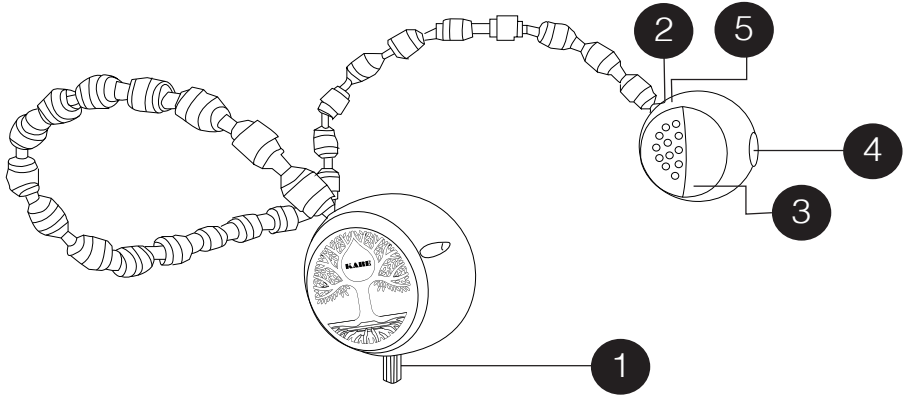
## (1) RCA Audio Cord



# Key Features

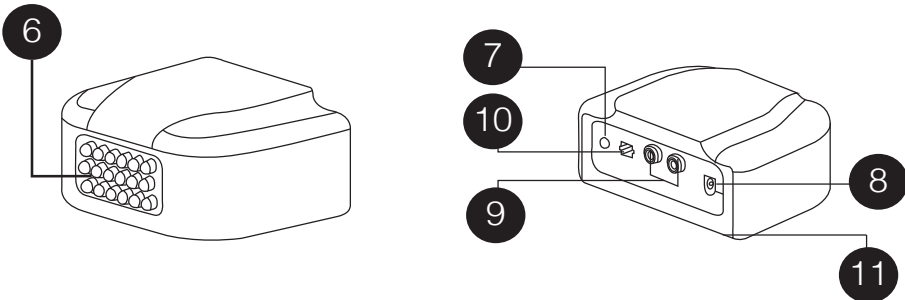
## ChairSpeaker

- 1) On/off Volume control
- 2) 12v DC power input
- 3) Sound Cones
- 4) Receiver Area
- 5) On Indicator light



## Infrared Transmitter

- 6) Infrared LED (DO NOT LIGHT UP)
- 7) On Indicator LED
- 8) 12v DC power input
- 9) RCA Inputs
- 10) TOS Input
- 11) On Indicator light

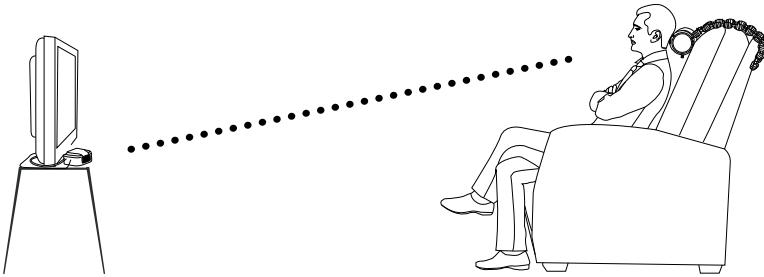


# Installation Instructions

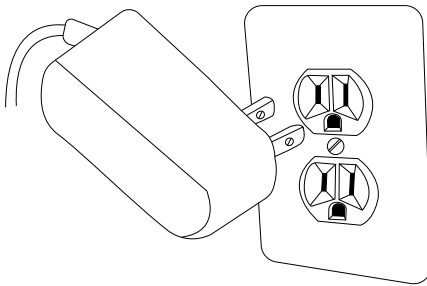
## Place, Connect Sound and Power the Transmitter

The IR Transmitter uses IR LED beams to carry the sound from the TV to the ChairSpeaker. This light is similar to a flashlight beam. The IR transmitter cannot transmit through objects. The ChairSpeaker must be in direct line of sight to the IR Transmitter.

- 1) Place the transmitter on a stable flat surface so the transmitter can be pointed at the ChairSpeaker.



- 2) Plug the power supply into a surge protector or standard electrical outlet.



**DO NOT** modify the power supply if the provided plug does not fit your outlet. Call us at 1-888-440-5273 to order the correct power supply.

- 3) Plug the power supply into the opening DC 12V (8) on the back of the IR Transmitter.



the IR Transmitter must remain plugged in to transmit the signal.

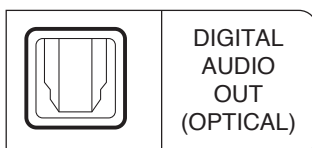
## Choosing A Input

We have included all the parts to install in 3 different ways. TOS Digital Optical (best way), RCA analog (next best) and 3.5mm audio.

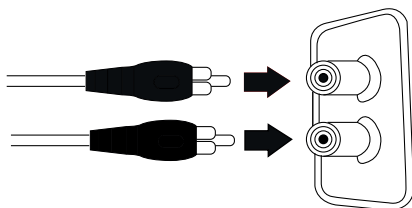


Ports on the front of your system are normally AUDIO IN and will not send audio to the KARE Speaker.

At the back of your TV, you will find the DIGITAL AUDIO OUT (OPTICAL) port. If audio out ports are not available on your Television, use the audio ports on your cable or satellite box.

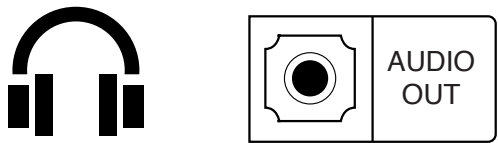



If this port is on your device proceed to “OPTICAL INSTALL” in this manual, if none of your devices have the DIGITAL AUDIO OUT (OPTICAL) port, look for the RCA AUDIO OUT, this can be located on the TV, Satellite or cable box. If you find the RCA “AUDIO OUT” install with the “RCA INSTALL”,





if none of the ports above can be used, the last available option is the 3.5mm head phone jack. The ports might look like this, if you have this port go to the “3.5mm Cord Install” in this manual.



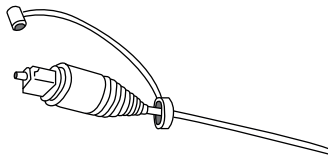
 for this connection type: If you connect the 3.5mm audio cord to the Headphone port on your tv, the sound from the speakers on the TV will be muted.

# Optical Install

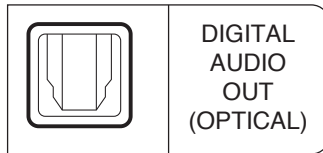
This install method will instruct you on how to install the chair speaker using the Digital Optical cable.



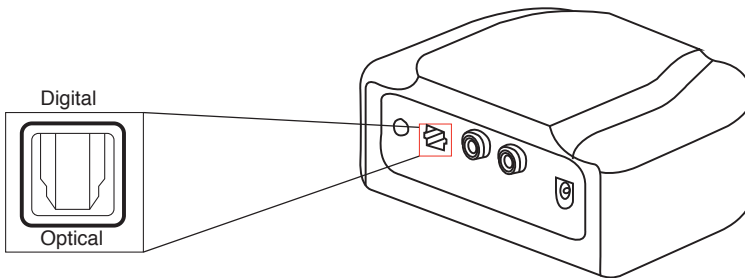
- 1) Remove plastic cover from both ends of the optical cable.



- 2) Plug one end of the optical cable into the DIGITAL AUDIO out you located on the TV, satellite or cable box.



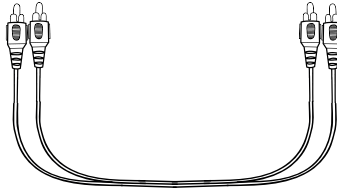
- 3) Plug the other end of the optical cable into the DIGITAL input on the back of the IR Transmitter, you should hear and feel a click when it has been pushed in all the way.



Some TV's and devices have an audio setting that set your output type to "Dolby Digital" or "PCM". PCM will be the only setting that will work. Contact your TV manufacturer for assistance on how to change.

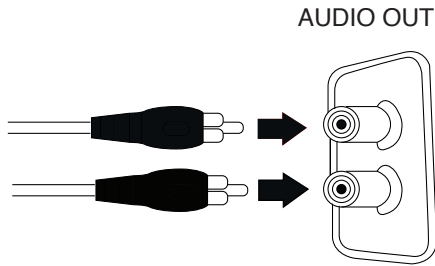
# RCA Install

This install method is for installing with the RCA cord.

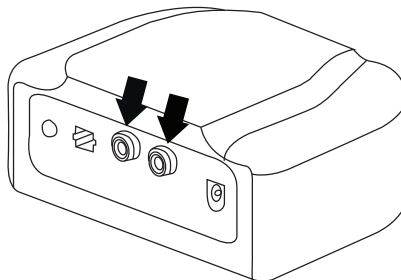


Some TV's and devices have an optional audio setting that may let you set your output volume level to variable or fixed. If you want to be able to control your tv volume level separate from you Chair-Speaker you will need to select FIXED. Contact your TV manufacturer for assistance.

- 1) Using the RCA AUDIO output found in the earlier step. Plug in both the red and white into the "AUDIO OUT" port on the back of your TV.



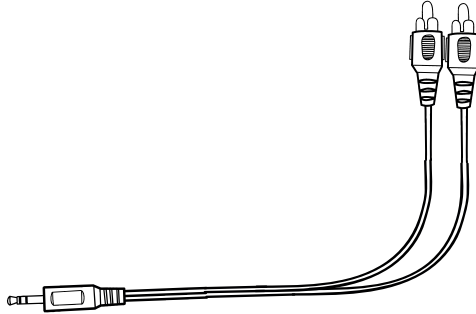
- 2) Plug the other 2 RCA ends cable ends into the Analog input on the transmitter.



## 3.5 MM Cord Install



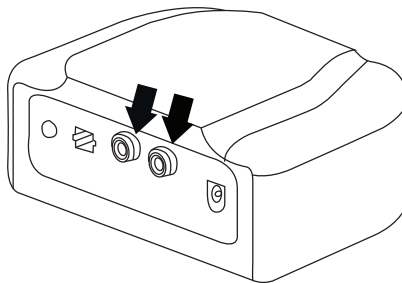
for this connection type: If you connect the 3.5mm audio cord to the Headphone port on your tv, the sound from the speakers on the TV will be muted.



Plug the 3.5mm single end into your audio out port on the back of your TV.

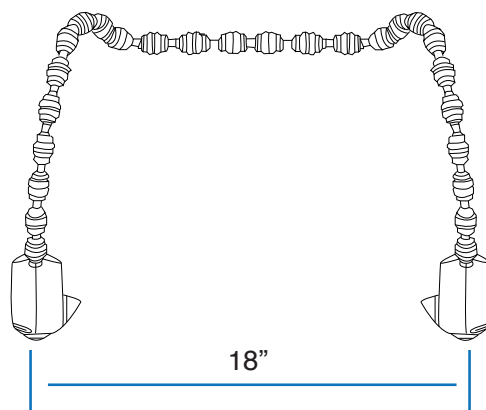


Plug the other 2 RCA ends cable ends into the L & R on the Analog input on the back of the IR Transmitter.

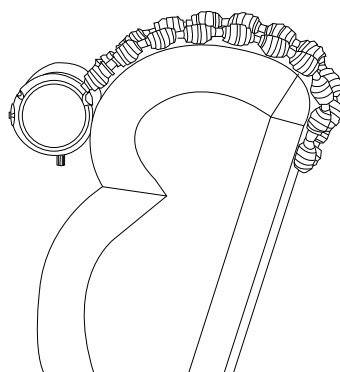


# ATTACHING TO YOUR CHAIR

After taking the ChairSpeaker out of the box, form into a U-shape. With both ends about 18" apart.

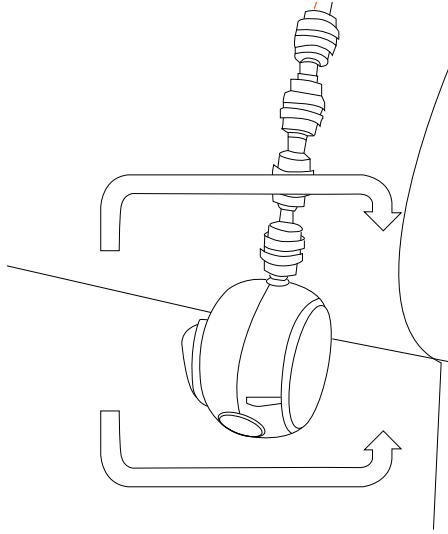


Make sure the side with the power inlet is in your right hand. Standing up facing your chair lay the ChairSpeaker over the back of your chair and press the links hard against the chair to conform to the shape of your chair. Make sure some links go over the back. The rubber will hold on the service of your chair.



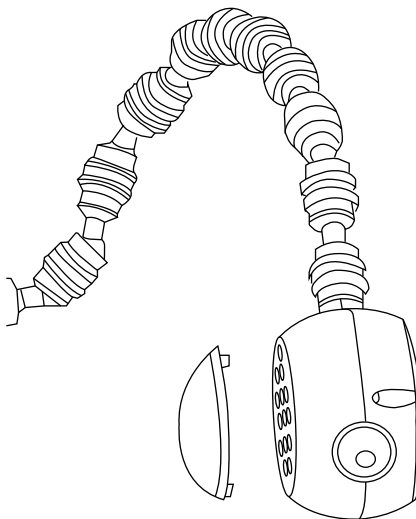
# Adjusting The Sound Zone

Speaker angle adjustment. The angle of the speakers can be adjusted to close off the sound zone or open the sound zone. This is done by turning the ball of the speaker.



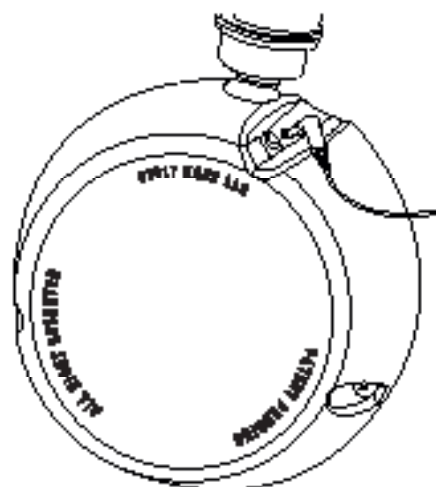
Turn the speaker in towards the chair to close of the sound from the room more. You can increase the volume to the room by turning the ball away from the chair.

The sound zone can be increased to max by removing the sound cones.



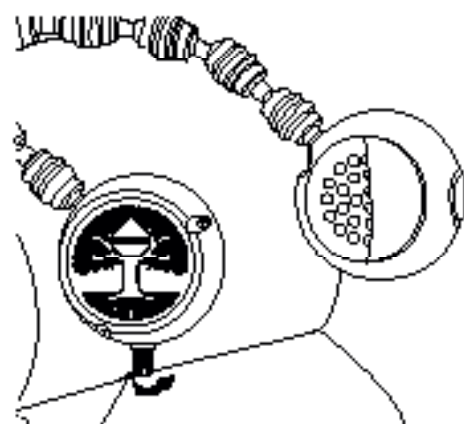
# Connecting Power

Once the KARE Speaker is installed on the chair, insert the power cord into the jack on the speaker without the volume knob.



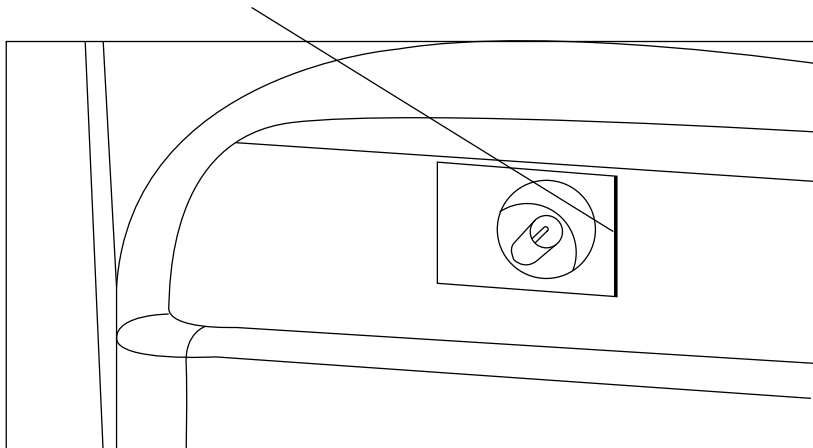
## ON/OFF and Volume Control

Turn the volume dial clockwise to turn the speakers ON and adjust the volume to your preference. The light will illuminate when the speaker is ON, a 'click' sound will also indicate this. To turn off the speaker, turn the volume dial counter clockwise until you feel or hear it click OFF. The light will turn OFF when the speaker is OFF.



Power and volume knob.

indication light for when power is on.



## Repairs

If you need to repair your speaker for any reason, please call our customer service representatives for troubleshooting assistance. If we are unable to resolve the problem or if the product needs to be replaced, a Return Merchandise Authorization (RMA) number will be issued. RMA numbers allows us to keep track of your product and return it to you quickly. All returned items must have an RMA number.

Obtain an RMA number by calling Customer Service at 1-888-440-5273



# FAQ's

## **1. How does the ChiarSpeaker work?**

The ChairSpeaker has infrared lights on the front of the transmitter which sends an infrared signal to the receiver in the front of the speaker.

## **2. Why is the sound so clear?**

The ChairSpeaker takes the sound of the television and enhances the speech frequencies above the background noise, so the dialog is more clear.

## **3. Why does my speaker mute when I mute the TV?**

When the TV is set to a variable audio out setting, the volume of the Chair-Speaker will change as the volume of the TV changes. A Fixed audio out will allow the television volume and ChairSpeaker volume to work independently from one another. Some televisions have to be manually switched from the Variable audio setting to the Fixed audio setting by using your TV menu. Not all TVs have the ability to switch from a Variable to a Fixed audio out (consult your television manual or manufacturer).

## **4. Why do I hear a television station when I'm watching a DVD/video?**

When the audio cord is plugged into the analog (RCA) audio out port of a cable or satellite box AND an analog (RCA) audio out port of a DVD player or VCR, you must turn off whichever device is not in use.

## **5. What if no sound is heard through the speaker?**

Verify the volume is turned on. Make sure the audio cord is plugged into the audio port in the television and the AC adapter is plugged into a working electrical outlet.

## **6. What does 2.3MHz and 2.8 MHz mean?**

2.3MHz and 2.8MHz is the frequency of the infrared signal that is sent by the transmitter to the speaker. Infrared signals are invisible light signals.

**If you have further questions, please call our customer service number or visit our website, [ChairSpeaker.com](http://ChairSpeaker.com)**

# Trouble Shooting Guide

**Our Help Page at CHAIRSPEAKER.COM has more trouble shooting information.**

## **1. You hear static or interference**

Check the following.

Is the audio cables plug in correctly?

Is the transmitter plugged into the wall and the power light on?

Is the transmitter pointed towards the ChairSpeaker?

## **2. The LED's on the front of my transmitter are not on.**

This light is hard to see by the human eye, sometimes if you get in a dark room you can see the red glow from the LED. If the power light on the back is on is the transmitter is on.

## **3. You hear a television station when you watch a DVD or video.**

The input source need to be changed by removing a cable and connection-  
ing to your DVD player or steaming device.

**Please contact customer care if you need help. 1-888-440-5273**

# Manufacturer Declaration

## **LIMITED WARRANTY**

For a period of 5 years from the date of purchase KARE, LLC warranties this product for home use including Speaker, Transmitter and accessories against defects in material and workmanship. All parts will be replace or repaired at no charge to the owner. Proof of purchase is required. This warranty is provided at the discretion of KARE, LLC. And does not cover cosmetic damage or damage due to acts of nature, accident, misuse, abuse, negligence or modification.

# Specifications

## Receiver (Speaker) Specifications

**Signal Receiving Technology:** 2.3MHz & 2.8MHz Infrared Stereo

**Effective Distance:** 33 feet (10 meters), sensitivity -80dBm

**Power Requiruments:** Regulated Linear 12v DC @ 1.5A

**Output:** 3 watt left channel + 3 watt right channel

**Signal to Noise Ratio:** 70dB

**Volume Control:** Knob

**Power Switch:** Volume Knob

**Lenght:** 60"

## Transmitter Specifications

**Input Types:** Analog RCA, Digital (Toslink) S/PDIF

**Signal Transmission Methods:** Infrared 850nm, stereo @ 2.3MHz and 2.8MHz

**Diode:** 18 high speed diodes with 100,000 hour life @ 850nm

**Power Requirments:** DC 12v @ 1A

## Included Accessories Specifications

**Fiber Optic Cable:** (1) (Toslink) S/PDIF 12ft, 5mm OD, w/strain relief and gold plated ferrule, black

**RCA Cable:** (1) 12ft Duel RCA with Red and White Plug M/M, black

**3.5mm Cable:** (1) 6ft 3.5mm to duel RCA with Red and White Plug, stereo, Black

**Power Supplies:** (2) Regulated Linear 12v DC @ 1.5A 10mm L X 3.5mm OD / 1.3mm ID coaxial plug, Center +, 9 meter lenght, UL, RoHS compliant

