

# **ADB100**

**E X T E N D E R**

## **USER MANUAL**



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# ADB100

E X T E N D E R

Keyboard

Mouse

Trackball

Touchscreen

# ASKING FOR ASSISTANCE

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## **Technical Support:**

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## **Technical Support Hours:**

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## **Notice**

Gefen Systems reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

**ADB100** is a trademark of Gefen Systems

**Macintosh** is a trademark of Apple, Inc.

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# INTRODUCTION

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Thank you for purchasing Gefen Systems' ADB100 Series. The ADB100 extends your computer ADB port (keyboard, mouse, trackball, and touch screen) device up to 1000 feet away from the location of your Macintosh computer.

The ADB100 system consists of two units, the ADB100 Sender mode which resides next to the computer side and the ADB100 Receiver mode, which resides next to the extended keyboard.

The ADB signal controls the keyboard, mouse, trackball and other ADB devices such as a touch screen. The ADB100 buffers the ADB signal through send and receive line drivers, and the signal is extended by using standard telephone cable.

You can connect additional ADB100 Series to the same computer, allowing you to access the computer from other locations up to 1000 feet apart.

# OPERATION NOTES

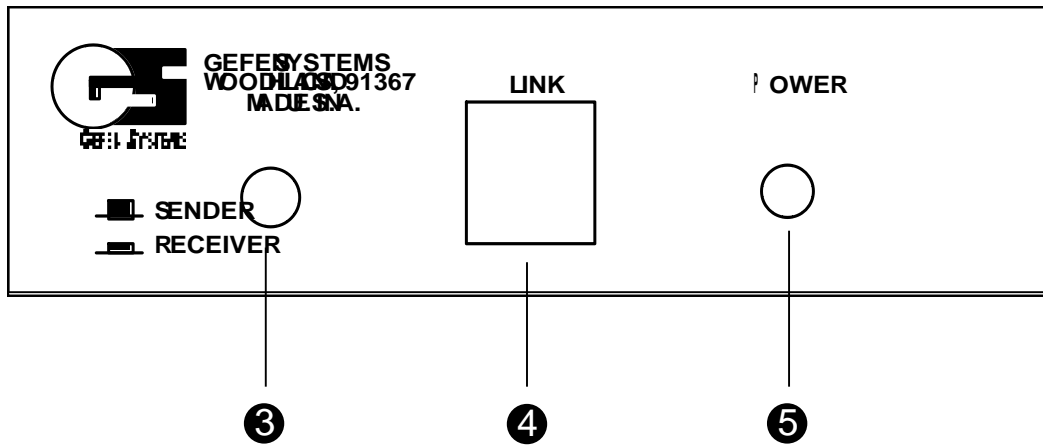
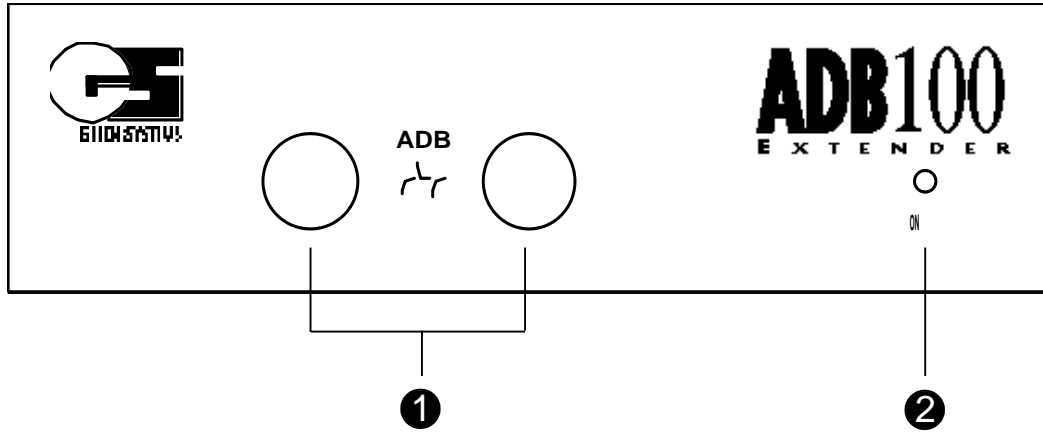
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## **READ THESE NOTES BEFORE INSTALLING OR OPERATING THE ADB100 SYSTEM.**

1. **WARNING!** The ADB100 were designed to operate on Macintosh computers. Do not attempt to use this equipment with any other type computers.
2. **WARNING!** When using a local keyboard **not extended** with the ADB100 Sender unit, use the Gefen modified ADB cable. Modified cable is connected between the ADB100 **sender** and the local keyboard or mouse.
3. **WARNING!** When plugging in a ADB100 Sender unit **ONLY**, without the ADB100 receiver unit, the keyboard and mouse will freeze. The ADB100 Receiver unit must be connected, and powered up, and the link cable installed between both units, in order to operate property.
4. Link Cable: Refer to the wiring diagram on page 10 for wiring instructions.

# ADB100 PANELS LAYOUT

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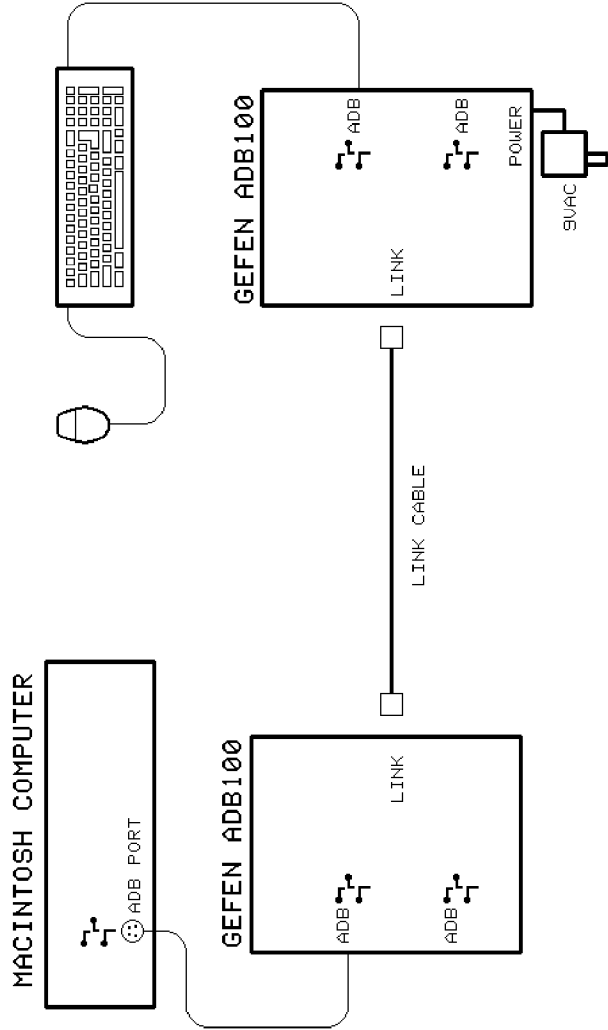
# FUNCTION DESCRIPTION

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- ① **ADB**  
Mini din sub connector which connects to the computer ADB port. (For keyboard, Mouse and Trackball).
  
- ② **Power On Light**  
Power on status indicates that the unit is plugged in.
  
- ③ **Send/Receiver Switch**  
**Push button switch for setting ADB100 as a Sender or Receiver unit.**
  
- ④ **Link**  
RJ-11 Modular Jack which connects to the TSE100R (Receiver Unit).
  
- ⑤ **Power**  
9 Volt A/C 1A external power supply.

# 1 KEYBOARD EXTENDED - WIRING DIAGRAM

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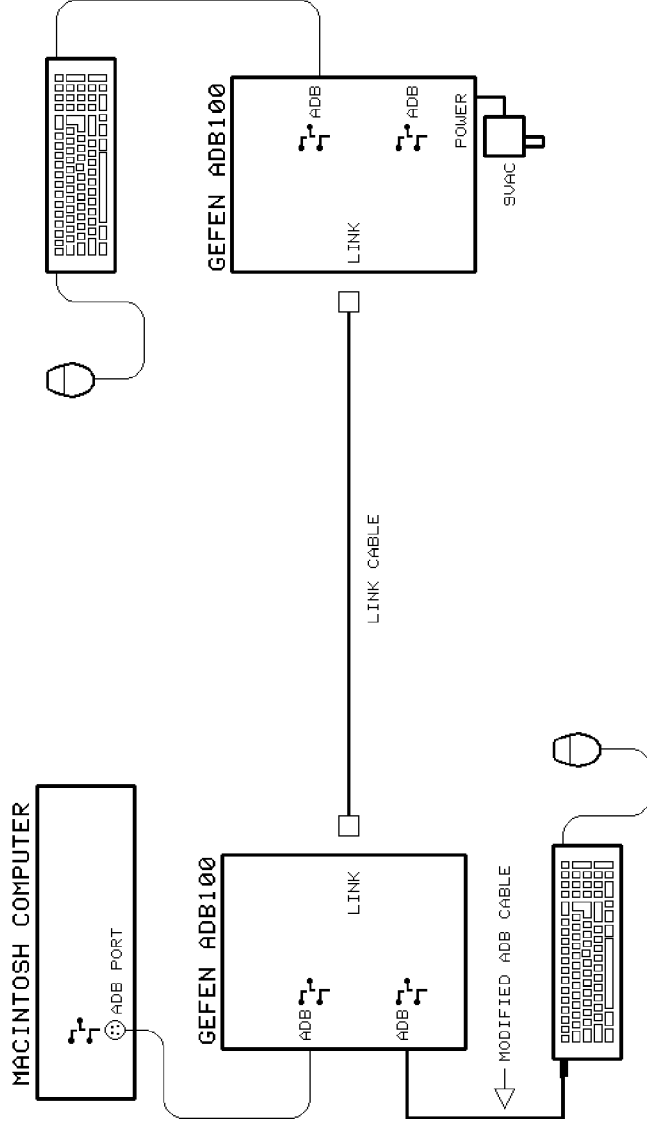


Set switch to OUT to send  
No power supply is required at this end

Set switch to IN to receive  
Use Power supply at this end

## 2 KEYBOARDS LOCAL/EXTENDED - WIRING DIAGRAM

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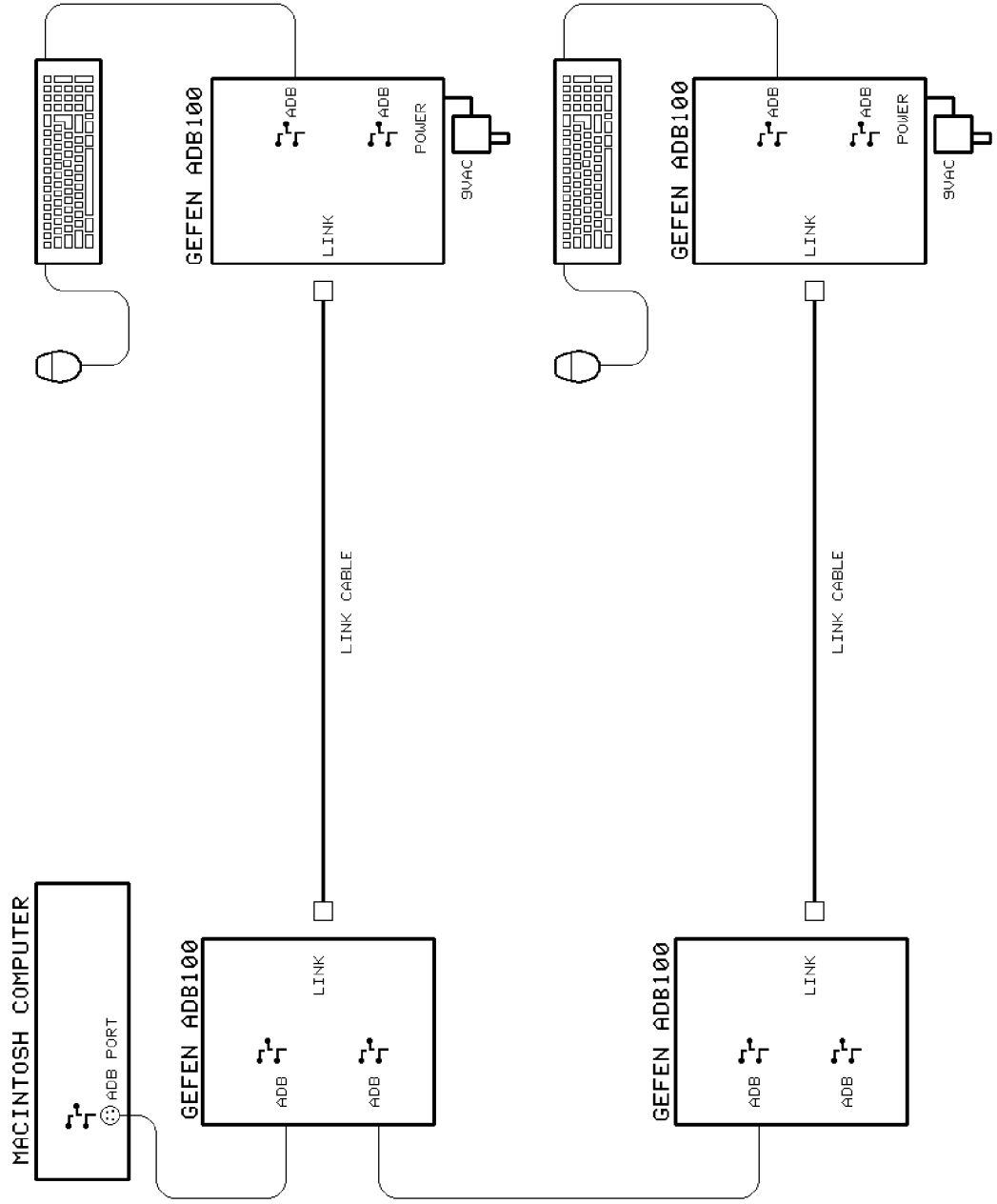


**Set switch to OUT to send**  
**No power supply is required at this end**

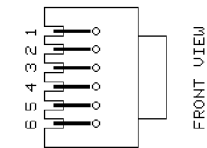
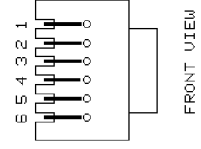
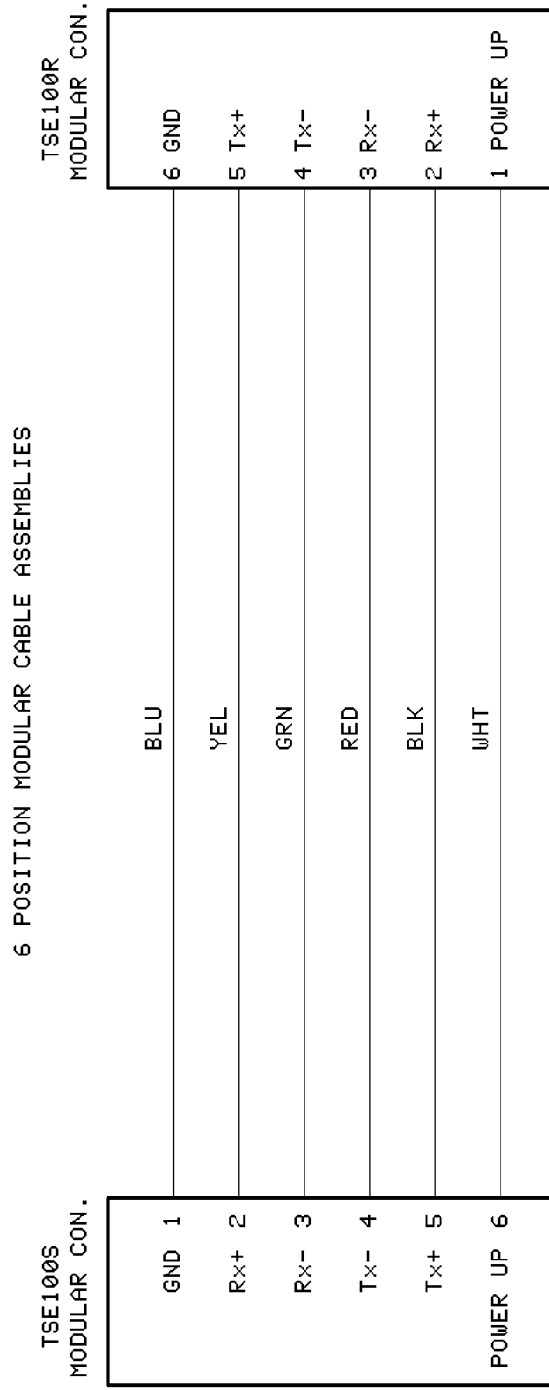
**Set switch to IN to receive**  
**Use Power supply at this end**

## 2 KEYBOARDS EXTENDED - WIRING DIAGRAM

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# ADB100 LINK CABLE - WIRING DIAGRAM



# WARRANTY

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Gefen Systems warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen Systems is notified within one (1) year from the date of shipment, Gefen System will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications.

Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

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