

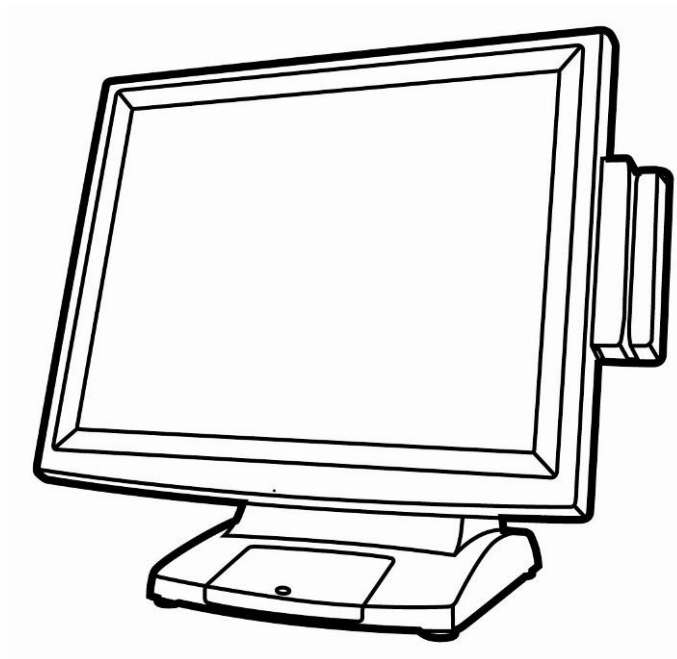
# User Manual

Revision v1.3 Dec. 2010

***EVO-TM2A***

***EVO-TM2B***

***Touch Screen Monitor***



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Manual Version 1.3  
Part Number:

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# Safety

## IMPORTANT SAFETY INSTRUCTIONS

1. To disconnect the machine from the electrical Power Supply, turn off the power switch and remove the power cord plug from the wall socket. The wall socket must be easily accessible and in close proximity to the machine.
2. Read these instructions carefully. Save these instructions for future reference.
3. Follow all warnings and instructions marked on the product.
4. Do not use this product near water.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
7. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

## CE MARK



This device complies with the requirements of the EEC directive 2004/108/EC with regard to “Electromagnetic compatibility” and 2006/95/EC “Low Voltage Directive”

## FCC

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

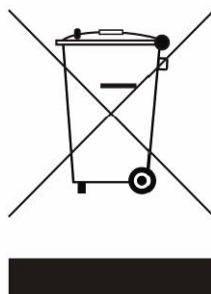
- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation

## CAUTION ON LITHIUM BATTERIES

There is a danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

## LEGISLATION AND WEEE SYMBOL

2002/96/EC Waste Electrical and Electronic Equipment Directive on the treatment, collection, recycling and disposal of electric and electronic devices and their components.



The crossed dustbin symbol on the device means that it should not be disposed of with other household wastes at the end of its working life. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

This product should not be mixed with other commercial wastes for disposal.

# Revision History

Changes to the original user manual are listed below:

Revision	Date	Description
V1.0	Sep. 2009	● Release
V1.1	Oct. 2009	● MB version change
V1.2	Aug. 2010	● MB version change
V1.3	Dec. 2010	● Model name change

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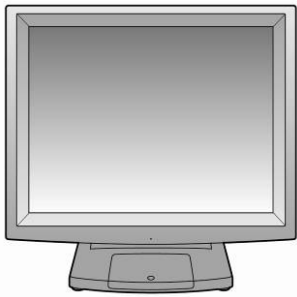
# 1

## Package Checklist

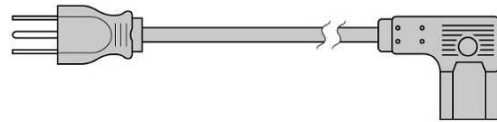
Take the system unit out of the carton. Remove the unit from the carton by holding it by the foam inserts. The following contents should be found in the carton:

### 1-1 Standard Items

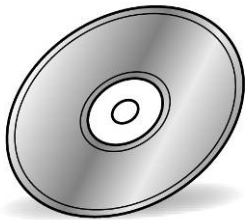
a.



d.



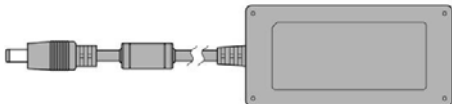
b.



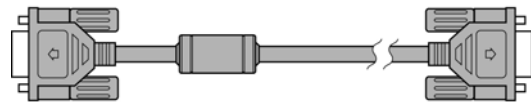
e.



c.



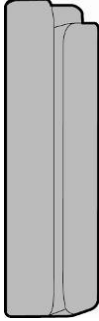
f.



- a. Monitor
- b. Driver CD
- c. Power Adapter (36W)
- d. Power Cable
- e. USB Cable for touch
- f. VGA Cable

# 1-2 Optional Items

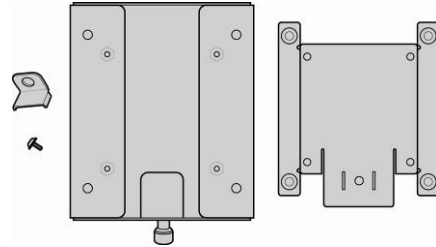
a.



b.



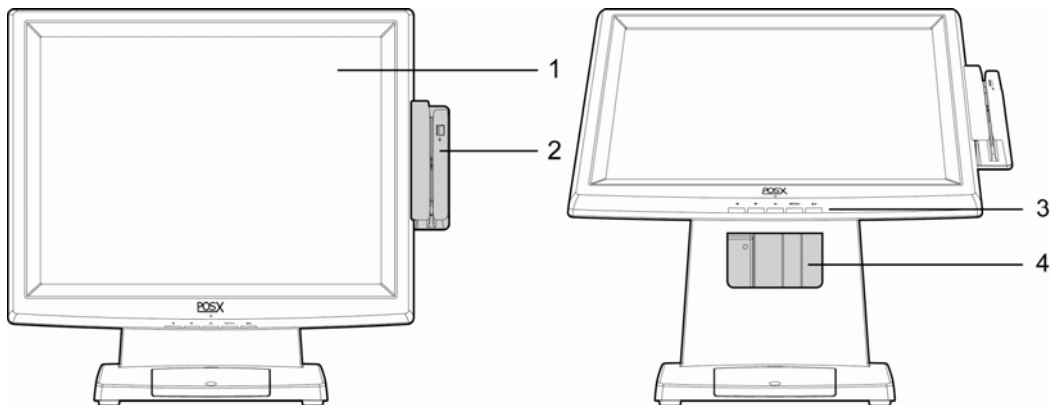
c.



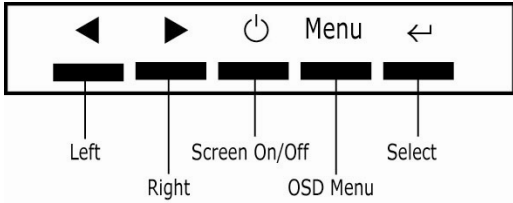
- a. MSR Module
- b. VFD Module
- c. Wall Mount Kit

# 2 System View

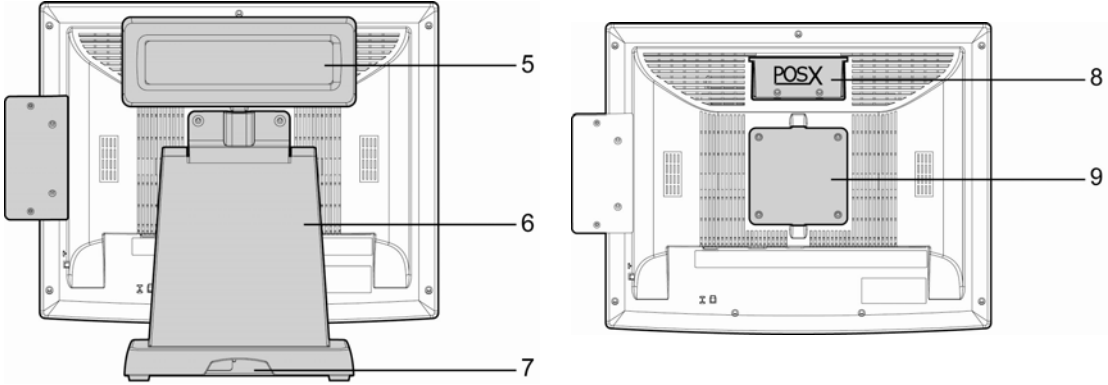
## 2-1 Front View



System Overview table -1

Number	Component
1	Touch Screen
2	MSR (Optional)
3	OSD Button for OSD menu selection From left to right button: 
4	Stand Hole for cable management

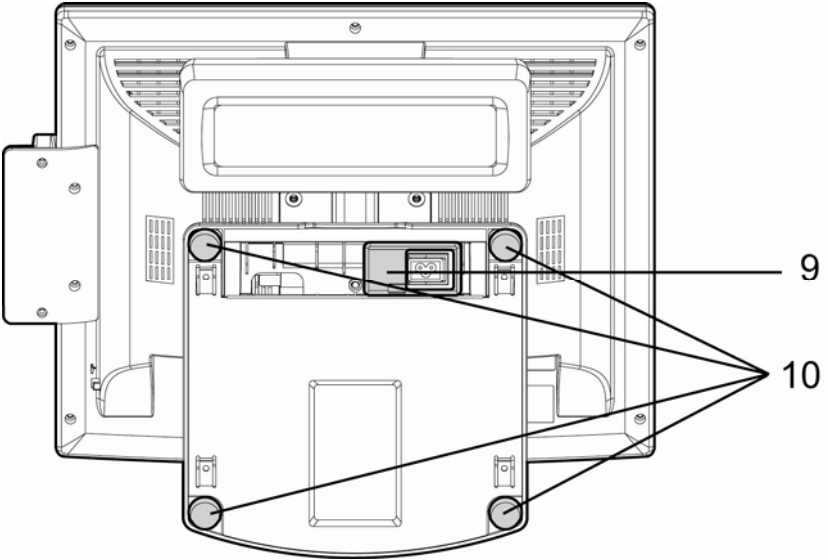
# 2-2 Rear View



System Overview table -2

Number	Component
5	VFD Module (Optional)
6	Stand (with cable management and power adapter bracket)
7	Cable Outlet
8	VFD Cover (VFD module installation location)
9	VESA hole for stand and wall-mount kit installation

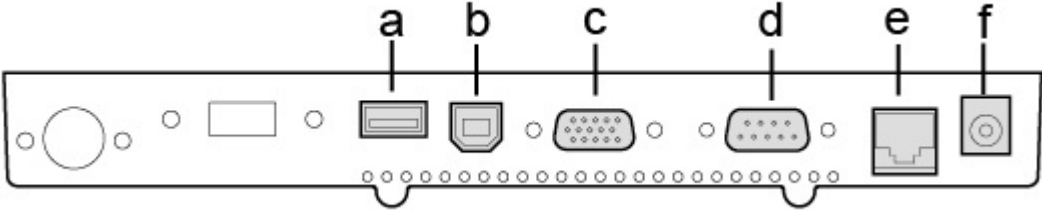
# 2-3 Bottom View



System Overview table -3

Number	Component
9	Easy-Service Retaining Bracket for Power Adapter
10	Rubber feet

# 2-4 I/O View



System Overview table -4

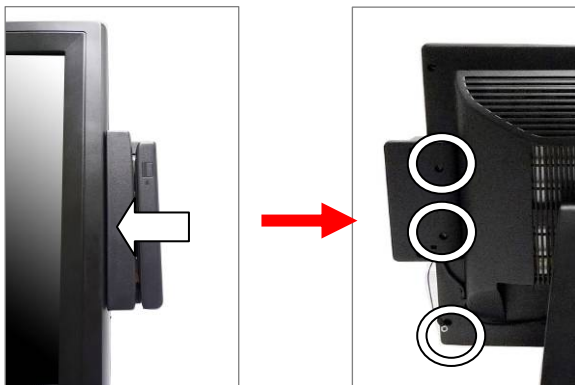
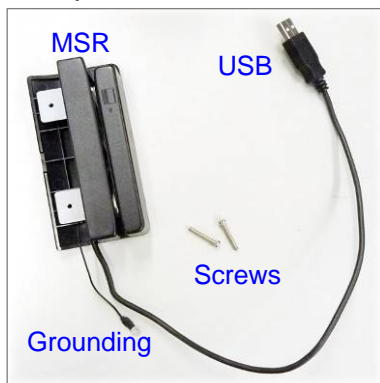
Number	Component
a	USB (to Device)
b	USB IN (from PC)
c	VGA IN
d	COM IN
e	COM 12V
f	12V IN

# 3

## Peripheral Installation

### 3-1 MSR

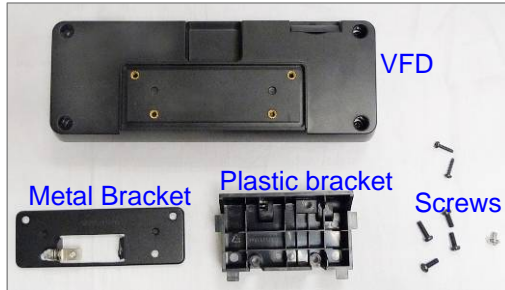
Components of MSR Kit:



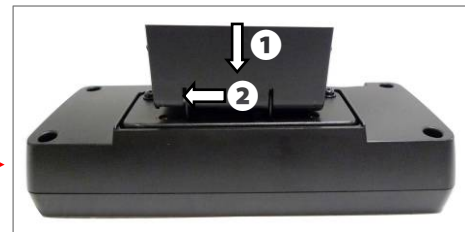
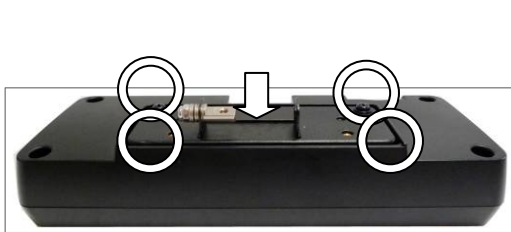
1. Slide the MSR into the right position of the System.
2. Fasten the screws (x2) and grounding cable (x1).

## 3-2 VFD

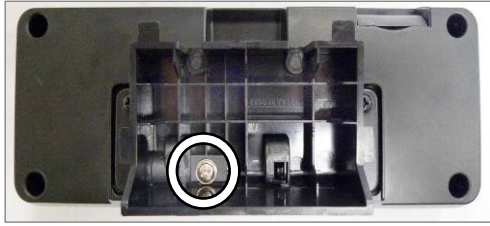
Components of VFD Kit:



1. Unfasten the screws (x2) and slide the VFD Cover outward.



2. Position the VFD metal bracket onto the rear side of the VFD module and fasten the screws (x4).
3. Position the plastic bracket on the metal bracket as shown in the images above.



4. Fasten the screw (x1) to attach the plastic bracket to the metal bracket and VFD module.
5. Slide the VFD module with bracket into the VFD socket.
6. Attach the VFD module by fastening the screws (x2) as shown.

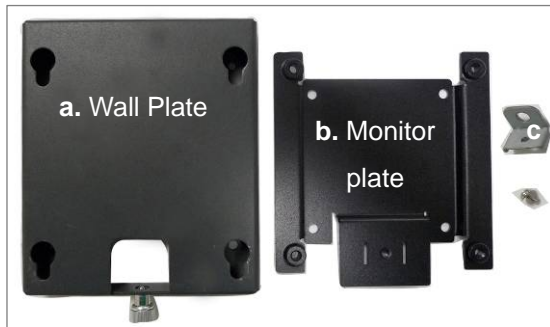


7. Connect the VFD's RJ45 to the VFD Module.
8. Connect the other end of the VFD Cable to the Touch Screen Monitor.

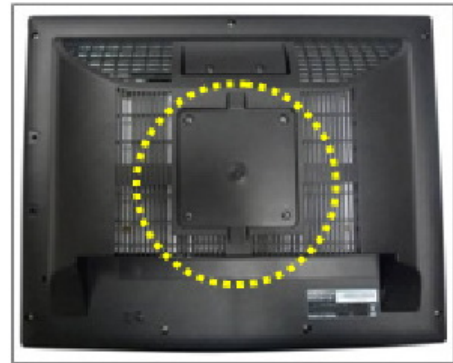
## 3-3 Wall Mount Kit

Before installing the Wall Mount Kit, please remove the stand first.  
(See Chapter 4-1)

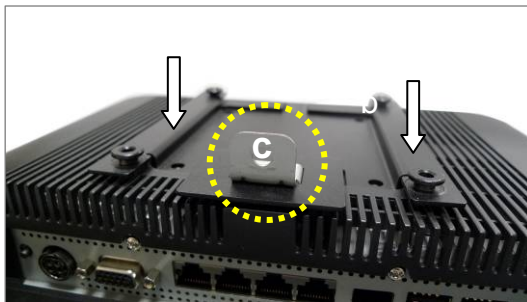
(Parts of Wall Mount Kit)



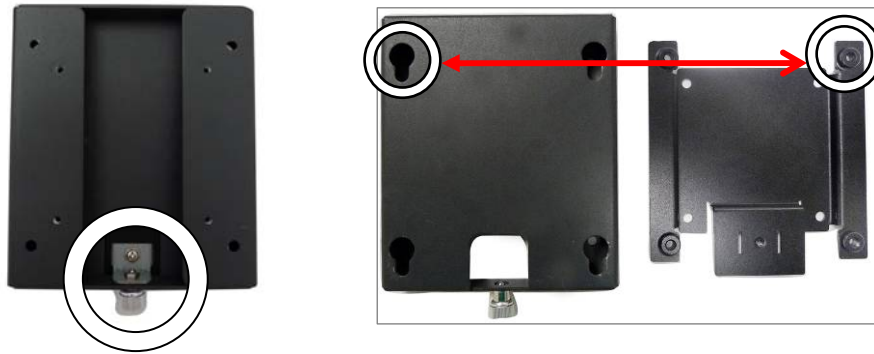
(Location to install)



1. VESA Wall Mount Kit includes the following:
  - a. Wall-mount plate
  - b. Monitor-mount plate & screws
  - c. Screw metal bracket
2. The wall mount installs at the rear of the system.



3. Attach part "b" to the back of the Touch Monitor.
4. Attach part "c" to the monitor plate as pictured and secure with a screw (x1).
5. Fasten the screws (x4) to attach the monitor plate.



6. Mount part “a” to the wall in your desired location.
7. Align the hooks of the monitor plate with the keyholes of the wall plate and slide the monitor into place.
8. Tighten the thumb screw (x1).

# 4 System Assembly & Disassembly

## 4-1 Remove the System Stand

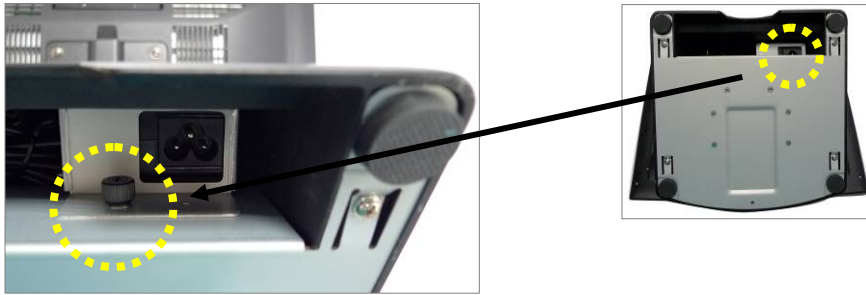


1. Remove the screws (x2) that secure the stand to the system.



2. Remove the screws (x4) that secure the VESA mount to the monitor.
3. Remove the VESA bracket.

## 4-2 Replace the Power Adapter



1. Release the thumb screw to separate the retaining metal bracket from the stand and take out the power adapter.

# 5 Specification

Model Name	EVO-TM2A	EVO-TM2B
AD board	B16	
<b>LCD Panel</b>		
Panel Size	15"	17"
Brightness	250nits	300~380nits
Resolution	1024 x 768	1280 x 1024
Touch	Resistive	
Tilt Angle	4° ~ 90°	
<b>External I/O Ports</b>		
USB	1 x USB 2.0 (Type A), 1x USB 2.0 (Type B to PC)	
VGA	1	
Serial / COM	2 x COM (1 x DB-9/F type to PC, 1 x RJ-45 type to VFD)	
DC Jack	1	
OSD Button	5 (left, right, power, menu, select)	
<b>Power Adapter</b>		
Power Source	Ext. 36W, 12V / 3A	
<b>Control / Indicator</b>		
Power Button	1	
Indicator LED	1	
<b>Peripheral</b>		
MSR module	MSR (USB)	
Customer display	2 x 20 VFD customer display (COM)	
<b>Environment</b>		
EMC & Safety	FCC/CE Class A, LVD	
Operating Temperature	0°C~ 40°C (32°F ~ 104°F)	
Storage Temperature	-20°C ~ 55°C (-4°F ~ 131°F)	
Operating Humidity	5% to 95% RH, Non-condensing	
Storage Humidity	5% to 95% RH, Non-condensing	
<b>Dimension (W x D x H)</b>	LCD 90 degree : 365.2 x 217.8 x 338.9 mm	LCD 90 degree : 399.2 x 217.8 x 381.5 mm
<b>Weight (N.W./G.W.)</b>	4.8kgs / 5.8kgs	6kgs / 7kgs
<b>Mounting</b>	100mm x100mm VESA Standard holes	

\* This specification is subject to change without prior notice.