



PRACTICAL QUALITY SYSTEMS
Fast Custom Manufacturing - Nationwide Installation Services

PRODUCT MANUAL FOR *BACK OF SCREEN CONTROLLER MOUNT-RDC*

VESA compatible Back of Screen Controller for a MICROS RDC PN 80501

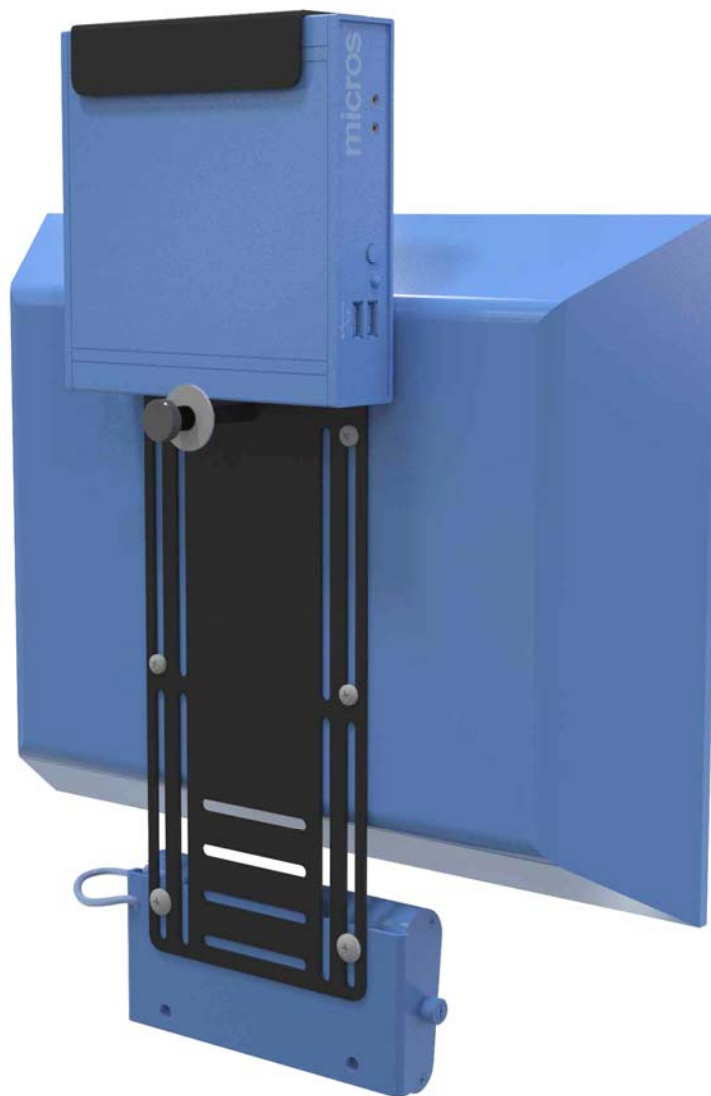


TABLE OF CONTENTS

TABLE OF FIGURES	2
1.1 Using the hardware kit to attach bump bars or other equipment to the <i>Back of Screen Controller Mount-RDC</i> mounting plate	3
1.2 Installing a bump bar below the front of the screen	3
2.1 Attaching a <i>UVHM</i> VESA pan and tilt head to the <i>Back of Screen Controller Mount-RDC</i> and screen	4
2.2 Attaching a MICROS RDC controller to the <i>Back of Screen Controller Mount-RDC</i>	4
3.1 Installing the assembled screen and <i>Back of Screen Controller Mount-RDC</i> with attached equipment to a <i>UVHM</i> arm	4

TABLE OF FIGURES

Figure 1 – <i>Back of Screen Controller Mount-RDC</i> shown with restaurant display controller, monitor and Micros MBB-10 Bump Bar.....	5
Figure 2 - <i>Back of Screen Controller Mount-RDC</i> with bump bar mounted with T-Tangs and Arms.....	5

NOTE: If you are using the *Back of Screen Controller Mount-RDC* with a *UVHM* mounting system, please refer to the *UVHM* installation instructions to correctly install the mount.

NOTE: If you are NOT installing a bump bar, begin with the section 2.1 titled “Attaching a *UVHM* VESA pan and tilt head to the *Back of Screen Controller Mount-RDC* and screen.”

NOTE: The *Back of Screen Controller Mount-RDC* mounting plate can be attached to the rear of any 75 or 100mm VESA compatible monitor or touch screen. It can be used to support accessories such as bump bars, card swipes, speakers, etc. The mounting plate can be laid across the VESA pattern and rotates to position the plate so that it can be used to support accessory items below, above, and to either side of the screen.

1.1 Using the hardware kit to attach bump bars or other equipment to the *Back of Screen Controller Mount-RDC* mounting plate

1. Examine the contents of the optional *Back of Screen Controller Mount-RDC* hardware kit (See Figure 1). Note that the arms and tee tangs of the hardware kit can be custom configured to attach a wide variety of bump bars, card swipes, speakers, etc. to the mounting plate.
2. Determine the configuration of the hardware kit that works best to secure your bump bar or other equipment to the mounting plate.
3. Assemble the adjustable arms with or without the tee tangs to align with the chassis screws of your particular bump bar or other equipment.

1.2 Installing a bump bar below the front of the screen

1. Place the monitor or touch screen with the screen facing down on a smooth flat surface and remove the VESA mounting screws from the back of the monitor. **PLEASE NOTE:** you may need to obtain longer screws and/or some small washers to connect the VESA pan and tilt head and the *Back of Screen Controller Mount-RDC* to the back of the screen.
2. If you are using a monitor speaker bar, install it to your screen before proceeding.
3. Place the bump bar so that it is facing down and the top of the bump bar is located directly against the bottom center of the screen.
4. Place the *Back of Screen Controller Mount-RDC* mounting plate on top of the center of the back of the screen and bump bar so that the bent section and thumb screw are at the top and facing up.
5. Align the four VESA mounting holes on the back of the screen with two of the slots on the *Back of Screen Controller Mount-RDC* mounting plate. Loosely insert two VESA mounting screws through the slots in the *Back of Screen Controller Mount-RDC* mounting plate and into the VESA mounting holes on the back of the screen.
6. Assemble the hardware kit to create two arms so that the slots in the arms or tee tangs align with the chassis screw holes on the sides, bottom, or back of the bump bar, and the other ends of the arms align with the slots on the *Back of Screen Controller Mount-RDC* mounting plate (See Figure 2).
7. Carefully remove the chassis screws on the bump bar and then re-install the screws through the slots in the tee tangs or arms to attach them to the bump bar. **NOTE:** some small washers or longer screws may be needed to correctly attach the arms or tee tangs to the bump bar chassis screw holes.
8. Align the opposite ends of the arms with the slots on the *Back of Screen Controller Mount-RDC* mounting plate and secure them with screws and lock nuts from the hardware kit.
9. Remove the two screws which are loosely holding the *Back of Screen Controller Mount-RDC* mounting plate to the back of the screen.

2.1 Attaching a *UVHM VESA* pan and tilt head to the *Back of Screen Controller Mount-RDC* and screen

1. Place the VESA pan and tilt head on top of the *Back of Screen Controller Mount-RDC* mounting plate. Align the VESA mounting holes in the pan and tilt head with the slots in the *Back of Screen Controller Mount-RDC* mounting plate and the four VESA mounting holes on the back of the screen.
2. Loosely insert all four screws through the holes in the pan and tilt head, through the slots in the *Back of Screen Controller Mount-RDC*, and into the VESA mounting holes in the back of the screen and verify that everything is properly aligned.
3. Carefully tighten the VESA mounting screws to secure the pan and tilt head and the *Back of Screen Controller Mount-RDC* with the attached equipment to the back of the screen.

2.2 Attaching a MICROS RDC controller to the *Back of Screen Controller Mount-RDC*

1. Hold the RDC unit so that the cable connectors are aligned parallel with the sides of the screen and the rubber foot strips are facing down.
2. Place the RDC unit with the rubber foot strip's side down on the top of the *Back of Screen Controller Mount-RDC* plate, next to the thumbscrew. Loosen the thumbscrew until the clamping washer is just above the RDC unit.
3. Carefully slide the RDC unit into the bent section and under the clamping washer (See Figure 1). Center it on the back of the *Back of Screen Controller Mount-RDC* plate and tighten the thumbscrew to secure the RDC unit to the plate.
4. If you are using a bump bar, verify that it is aligned properly with the bottom of the screen and make any final adjustments to the arms and tee tangs before proceeding.

3.1 Installing the assembled screen and *Back of Screen Controller Mount-RDC* with attached equipment to a *UVHM* arm

1. Place an anti-slip washer on top of the single washer end of the *UVHM* arm. Carefully lift the screen with the *Back of Screen Controller Mount-RDC* and equipment, and align the hole in the end of the top of the arm with the threaded hole on the bottom of the VESA pan and tilt head. Install the five point knob through the bottom of the arm, through the anti slip washer, and into the threaded hole located in the bottom of the pan and tilt head. Tighten the five point knob snugly to remove excess free play between the pan and tilt head and the end of the arm.
2. Turn the screen so that you can access the cable connections on the sides of the controller unit and connect the associated cables for the power, touch screen, network data, bump bar, etc.
3. Rotate the completed assembly to the desired side to side position. Tighten the clamping knobs on the top of the *SB* (Stand Off) bracket at the mounting plate and at the bottom of the VESA pan and tilt head to secure those positions. Tilt the completed assembly to the desired viewing angle and use the two four-point knobs on the sides of the VESA tilt head to secure the monitor at the desired tilt position.

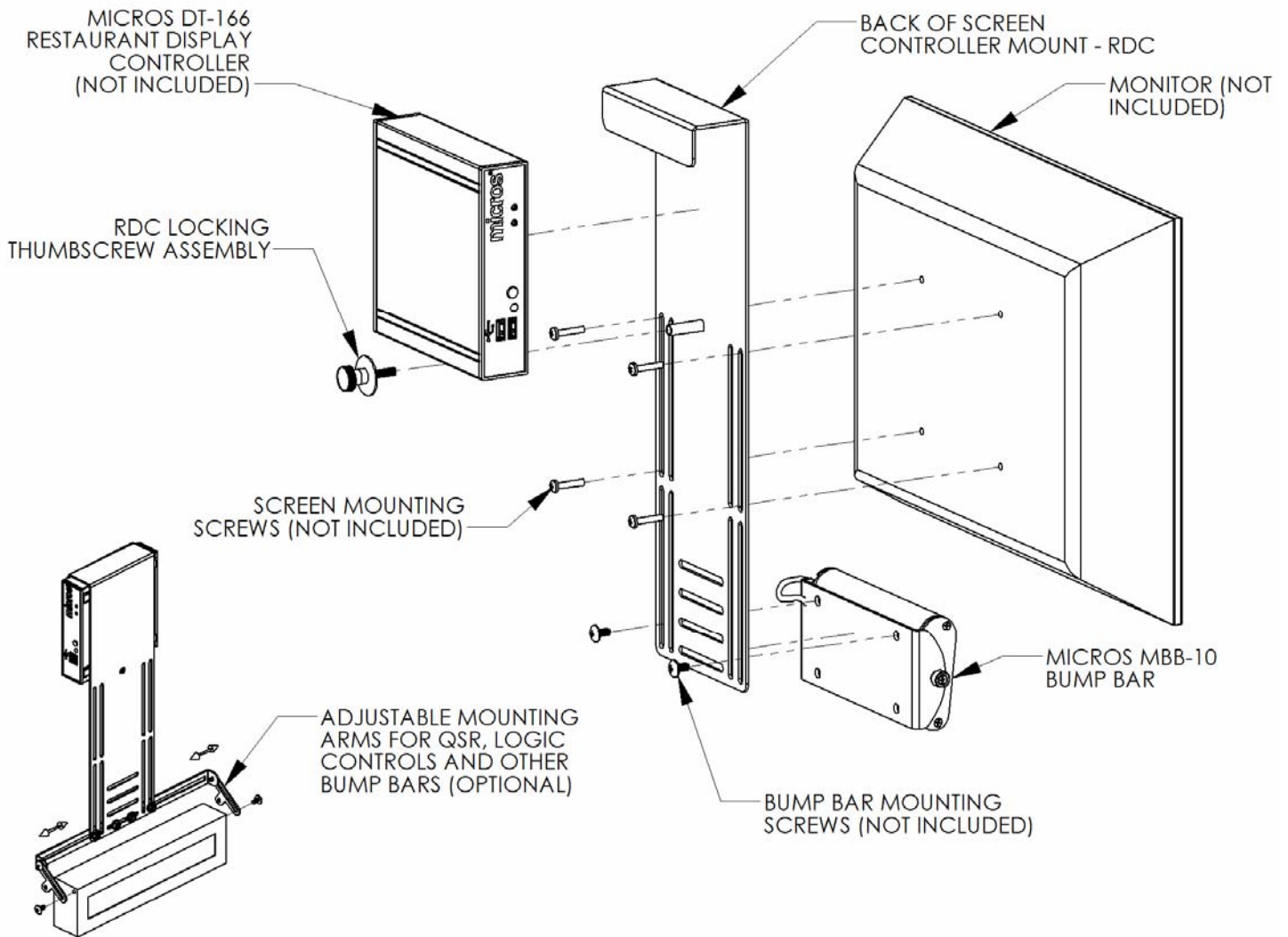


Figure 1 – Back of Screen Controller Mount-RDC shown with restaurant display controller, monitor and Micros MBB-10 Bump Bar.

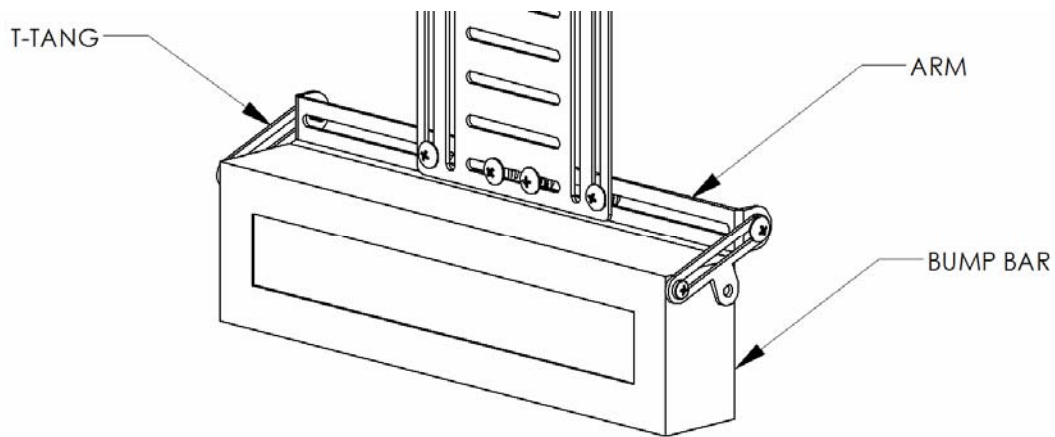


Figure 2 - Back of Screen Controller Mount-RDC with bump bar mounted with T-Tangs and Arms.