microframe®

SERIES 4700
Wi-Fi Take-A-Number Display
INSTALLATION and SPECIFICATION GUIDE

Microframe Corporation
604 South 12th Street
Broken Arrow, OK 74012

Local: 918-258-4839
Toll Free: 800-635-3811
Website: **www.microframecorp.com**
E-mail: **support@microframecorp.com**

Manual No. D4700-7010
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Limited Warranty Agreement

Your Microframe System is warranted against failure due to defects in workmanship or material for a period of one (1) year from the date of purchase. Microframe Corporation will repair or replace any defective unit. Obvious abuse or mishandling of the unit is NOT covered by this warranty.

Merchandise Return

If your Unit does not work satisfactorily, please give us a call. We may be able to clear up the problem by phone. If it becomes necessary to return your Unit to the factory, please observe the following:
1. Call Microframe for an RMA number. This will authorize you to return the unit.
2. Place Unit in a sturdy box with sufficient packing material.
3. If requested, include the AC power adapter. It is not necessary to return the cable and connectors unless they are the problem.
4. Return the system insured and prepaid. Microframe is not responsible for shipping damages and losses on returned Units.

Warranty Service

For warranty service, please contact Microframe toll-free at 800-635-3811. One of our technicians will be glad to assist you.

Assistance

For any product assistance or maintenance help, contact Microframe by either calling 800-635-3811 or e-mailing us at: support@microframecorp.com.

Safety

Do not install substitute parts or perform any modification to the product without first contacting Microframe.

Disclaimer

We constantly strive to improve our products. Specifications are subject to change without notice.

Warning

All power adapters, line cords, and electrical equipment should be kept out of the reach of children and away from water. (If you are installing cable in an air plenum area, such as a drop ceiling used for air return, you must use plenum-rated cable. The cable supplied from Microframe is rated CL2 and is approved for indoor installation everywhere except plenum areas.)

Life Support Policy

Microframe's products are not authorized for use as components in life support devices or systems without the express written approval of the President of Microframe Corporation. As used herein:
1. Life support devices or systems are defined as systems which support or sustain life, and whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury to the user or any one depending on the system.
2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

FCC Notice (for wireless products only)

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

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Series 4700

Series 4700
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STOP
INSTALL THE FREE APP NOW

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1.1 Wi-Fi Display Overview

The D4700 is a networked Wi-Fi Take-A-Number display that works in conjunction with two or three digit tickets. The display is controlled by a free app "D4700" available on the Google Play and Apple app stores. The (included) wired buttons can also be used to change the displayed count up/down.
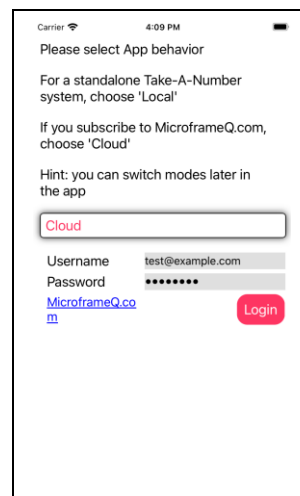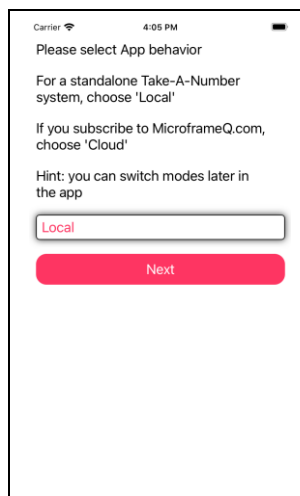
1.2 Quick Install

Setup

Join your display to your Wi-Fi network

Option 1: Setup from app
1. Install the D4700 app on your mobile device.
2. Plug in the display.
3. Open the app and follow the Guided Setup process.

Option 2: Setup from computer
1. Plug in the display.
2. Connect the USB cable between the display and your computer.
3. Download the "D4700 Configuration Software" from the website: https://microframecorp.com/download-software.
4. Install and run the program
5. Once open, select the name of your Wi-Fi network from the list and type in the password.
6. Optionally, set the display name and PIN number.
7. Press [Save], then wait 30 seconds for the display to connect.

Installation

[Optional] Take the 40ft of wire and cut it into two equal lengths. Connect one button to each wire. Attach the other end of each wire to the Up/Gnd/Down terminals. Connect the two black wires to the Gnd (common) terminal. Attach the remaining red wires to the Up/Down terminals.

Attach the power wire to the 24VAC terminals. Polarity does not matter.
Once the display is wired and configured, simply hang it on the wall at your desired location and plug it in.

2.1 Using the App – Numeric Displays

Connectivity

The WiFi symbol above the Bell indicates connectivity to your display:
Green = good
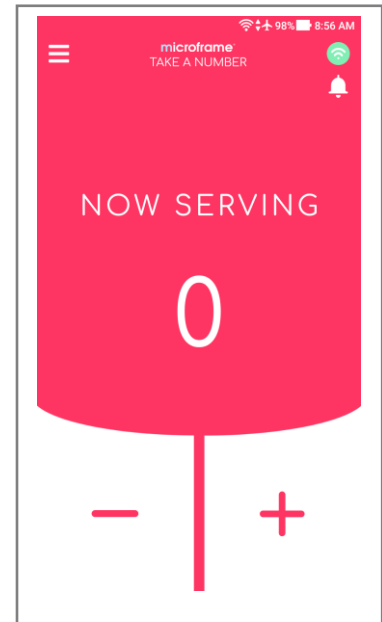Orange = delayed
Red = failed

Menu

Tap on the menu icon or swipe from the left side of the screen to show the menu.

Operation

Press +/- to adjust the count. Tap on the number to enter a new number.
Tap the Bell icon to adjust the chime volume.

Tickets

Tap the "Order Tickets" link in the app or call us.

2.2 Using the App – Alpha Displays

Overview

Setup

The app is only used to join the display to WiFi and to put the display into cloud mode.

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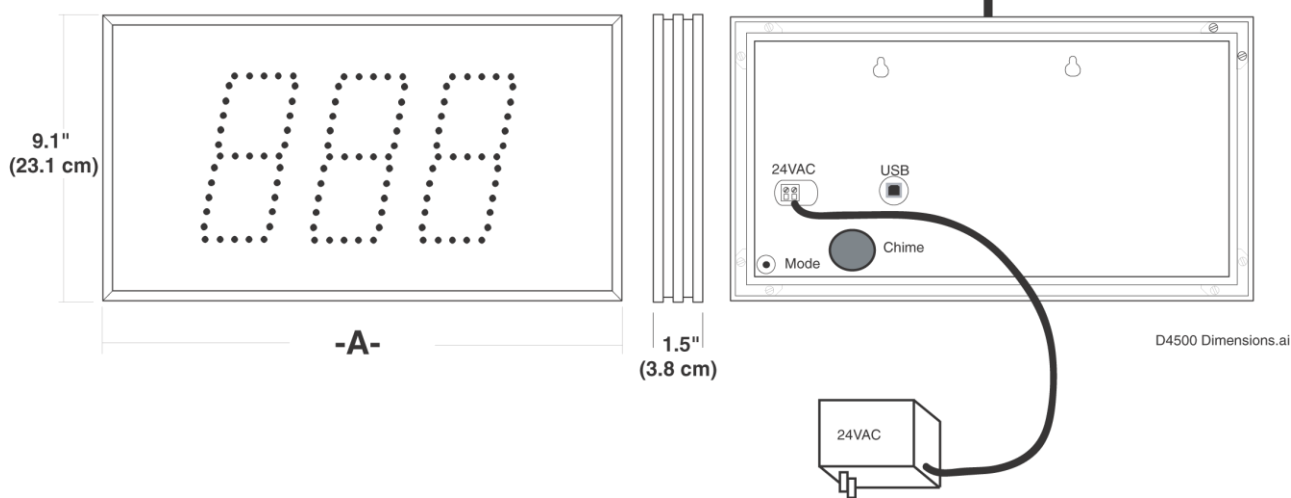www.microframecorp.com

Series 4700

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Series 4700 Numeric Specifications

Features

Series 4700 are Wi-Fi enabled Take-A-Number displays that work in conjunction with two or three digit tickets. They have a built in audio chime, as well as up/down button inputs. They can be controlled using our free iOS or Android app "D4700".

Box Contents

(1) D4700 Display, (1) 2.4 GHz Antenna
(1) 24VAC power adapter w/ 20ft of wire
(2) Buttons w/ 40ft of wire
(1) Manual, (1) Microframe Screwdriver
(1) USB A to B cable

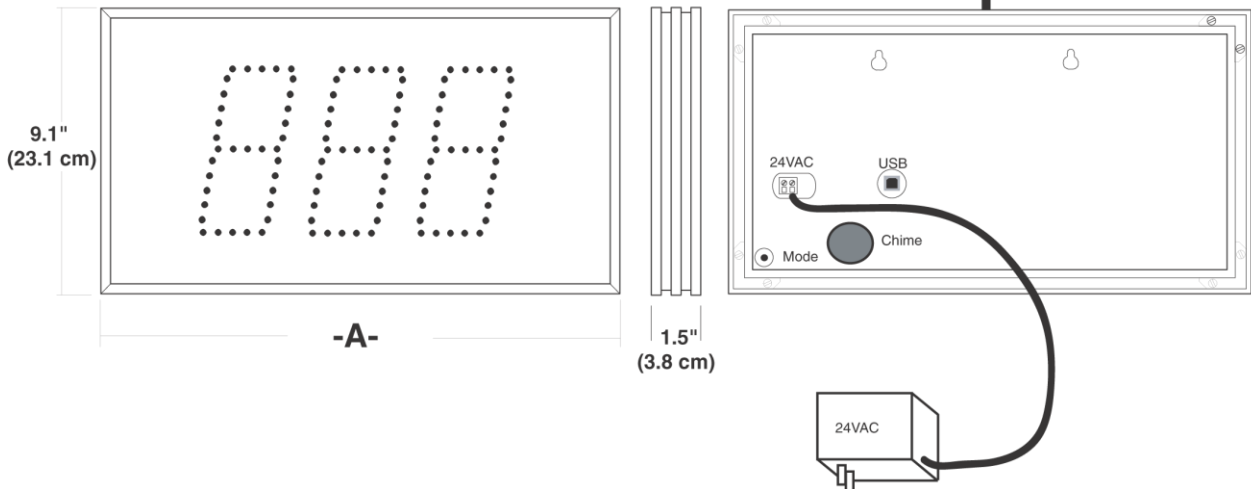| Model 4700 Specifications		
Voltage Input Requirements………………….…	14-24 VAC, 16-28VDC	
Character Height…………………………….……	5.5 inches	
Character Viewing Distance…………………..…	125 feet	
Temperature Parameters………………….……	-4ºF to 140ºF (-20ºC to 60ºC)	
Casing…………………………………….………	Aluminum extrusion	
Color…………………………………….………	Black frame with dark red acrylic faceplate	
Environment……………………………….……	Indoor use (Outdoor case available)	
Wi-Fi……………………………………….……	802.11n	
Model	**D4720**	**D4730**
Number of Digits	**2**	**3**
Power Requirements	3.4 watts	4 watts
Display Weight, w/o adapter	2.5 lbs (1.1 kg)	3.0 lbs (1.4 kg)
Width "A" Dimension	9.8" (24.9 cm)	13.2" (33.5 cm)

Series 4700

Series 4700
Alpha Specifications

Features
Series 4700 are Wi-Fi enabled Take-A-Number displays that work in conjunction with MicroframeQ. They are setup using our free iOS or Android app "D4700" and controlled via the website.

Box Contents
(1) D47xA Display, (1) 2.4 GHz Antenna
(1) 24VAC power adapter w/ 20ft of wire
(1) Manual, (1) Microframe Screwdriver
(1) USB A to B cable

9.1"
(23.1 cm)

-A-

1.5"
(3.8 cm)

24VAC USB

Mode Chime

24VAC

Model 4700 Alpha Specifications

Voltage Input Requirements……………………. 14-24 VAC, 16-28VDC
Character Height………………………………. 5.5 inches
Character Viewing Distance……………………. 125 feet
Temperature Parameters………………………. -4ºF to 140ºF (-20ºC to 60ºC)
Casing…………………………………………… Aluminum extrusion
Color……………………………………………. Black frame with dark red acrylic faceplate
Environment……………………………………. Indoor use (Outdoor case available)
Wi-Fi……………………………………………. 802.11n

Model	D473A	D474A		
Number of Digits	3	4		
Power Requirements	8 watts	11 watts		
Display Weight, w/o adapter	3.7 lbs (1.7 kg)	4.1 lbs (1.9 kg)		
Width "A" Dimension	16.8 (42.7 cm)	18.4" (46.7 cm)		

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