

Multiple Screen Layout Designer/ MS Quick Start Guide

DT Research provides this tool to adjust the screen layout. Multiple Screen Layout Designer can be installed on a PC or laptop to manage the screen layout of the content files played on the Multi Screen Appliances in the same LAN. Install this application and view the Quick Start Guide from the WCM DVD or download the Multi Screen Appliance Quick Start Guide from:

www.signage.dtri.com/support/wcm/MS_Layout_Designer_QSG_EN.pdf

For More Information:

Browser Requirements

WCM is required to run with a specific version of Google Chrome. To download the compatible browser version, please visit:

<https://www.signage.dtri.com/en/WCM/WCM.html>

WCM Online Tutorial

View the online tutorial to get started with WCM:

<https://www.signage.dtri.com/wcm6/tutorial/tutorial.html>

Download Documentation

Download the latest WCM support documents:

<https://www.signage.dtri.com/en/Support/download.html>

FAQ

Learn more technical details about WCM:

<https://www.signage.dtri.com/support/FAQ.html>

Performance Benchmark Table

To learn more about each MS appliance playback performance, please refer to the benchmark table:

<https://www.signage.dtri.com/support/FAQ.html#D>

System Recovery

If the operating system is corrupted, please follow instructions to restore OS and applications:

<https://www.signage.dtri.com/en/WCM/recovery.html>

MA1352WN

BASIC OPERATION GUIDE



ENGLISH

Introduction

Thank you for acquiring the DT Research Multi Screen Appliance. The DT Research Multi Screen Appliance enables efficient deployments for digital signage, with reliable hardware features and innovative server-based software. The Microsoft® Windows®-based Appliances offer remote management of the players and the displayed content with the WebDT Content Manager software. The DT Research Multi Screen Appliance together with the WebDT software suite offers an effective solution for delivering and managing messages that target audiences in the right place, at the right time.

Package Contents

1. One DT Research Multi Screen Appliance
2. VESA-compliant Mounting Bracket (MA1352WN)
3. One power cord
4. Documentation

NOTE: The actual package contents may vary depending on the configuration acquired.

HDMI Video-out Ports

MA1352WN



HDMI 2.1 (x2)	4096 x 2160 @60Hz
Display port	3840 x 2160 @ 60Hz 1920 x 1080 @ 60Hz

Display Configurations (MA1352WN)

Single Display: Supports up to one 4K@60Hz monitor, capable of playing one 4K@30fps video.

Dual Displays: Supports up to two 1920×1080@60Hz monitors, capable of playing two 1080P@30fps videos simultaneously.

Triple Displays: Supports up to three 1920×1080@60Hz monitors; however, only two 1080P@30fps videos can play smoothly, while the third display is limited to static images. Playing three videos at once may result in dropped frames and synchronization issues.

Connecting Peripherals

Make sure your monitors are connected the MA Appliance with HDMI cables. After the peripherals are well connected, plug the power cord into the Appliance and insert the other end into a power outlet.

NOTE: DO NOT connect the power cord before connecting all cables to the MA Appliance.

Using Cable Extenders

To be compatible with the MA Appliance, the extenders should have EDID management function. If there are display issues due to the video cable extenders, please contact your local reseller or system integrator to recommend verified extenders.

Precautions

- Always exercise care when operating and handling.
- Never disassemble any portion of the enclosure, as this will void any product warranty.
- Do not use any AC/DC adapter other than the one provided with the device or acquired from the manufacturer or its partners.
- In the unlikely event that smoke, abnormal noise, or strange odor is present, immediately power down the product and disconnect all power sources.
- Please report the problem to your device provider immediately.
- Pushing on the Power Button again will restart the appliance.

Powering ON and OFF

The Power Button is located on the back of the MA Appliance.

To turn the MA Appliance on, push and release the Power Button on the front bezel. The power LED will be lit (blue), and the corresponding interface will be shown on the display monitors.

To turn off the appliance, use the software shutdown interface provided.

If your MA player hangs up, please restart it from WCM or RDP rather than pressing the power button to restart, otherwise the OS may become corrupted.

Connect Player and Register to WCM Server

When you power on your Multi Screen Appliance, the registration dialog will be launched automatically. You can also launch it from **Start | All Programs | DT Research | WebDT Signage Player | Register Player Again**.

NOTE: If your signage player is located in a LAN with a WCM server, the player will automatically register to the server in the same LAN.

Registration Information:

Player name: Leave default name or give a new name

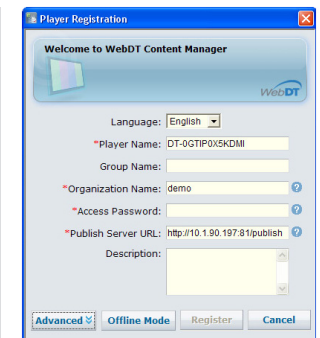
Group name: If you did not create a group in WCM server yet, leave it blank now

Organization name: my site (default)

Access Password: 123456 (default)

Publish Server URL:

http://(server IP address): (port number)/publish
or, http://localhost: (Port number)/publish



- To exit the full screen introduction, press “Ctrl+Shift+Space” to exit the WebDT Signage Player.
- To re-launch the WebDT Signage Player, navigate to **Start | All Programs | DT Research | WebDT Signage Player | Start player**.
- To register this signage appliance to another WebDT Content Manager Server, navigate to **Start | All Programs | DT Research | WebDT Signage Player | Register Player Again**, and then the Player Registration dialog will be launched. Fill in all fields to register. Click OK to register and connect to the preferred WebDT Content Manager Publish Server.
- Please refer to documentation included in the DVD of your package to start managing your content, playlists and schedules via WebDT Content Manager.

RF Exposure Information (RED & UKCA)

To be protected against all verified adverse effects, the separation distance of at least 200mm must be maintained between the antenna of the radio having max. 5.22dBi antenna and all persons.

Hereby, [DT Research, Inc.] declares that the radio equipment type [MA1352WN] is in compliance with Directive 2014/53/EU and UK Radio Equipment Regulations 2017. The full text of the EU and UK declaration of conformity is available at the following internet address: <http://www.dtresearch.com>.

The functions of Wireless Access Systems including Radio Local Area Networks(WAS/RLANs) within the band 5150-5350 MHz for this device are restricted to indoor use only within all European Union countries (BE/BG/CZ/DK/DE/EE/IE/EL/ES/FR/HR/ IT/CY/LV/LT/LU/HU/MT/NL/AT/PL/PT/RO/SI/SK/FI/SE/TR/N O/CH/IS/LI/UK(NI).

Maximum EIRP for EU

Bluetooth:2402MHz-2480MHz	10.90dBm
Bluetooth LE:2402MHz-2480MHz	7.78dBm
Wifi: 2412MHz-2472MHz/2422MHz-2462MHz	19.91dBm
Wifi: 5150MHz-5725MHz	22.90dBm
Wifi: 5725MHz-5875MHz	13.90dBm



Operating authorizations must exist to operate the product in the following member states of the European Union, refer to the table below.

AT	BE	BG	CH	CY
CZ	DE	DK	EE	EL
ES	FI	FR	HR	HU
IE	IS	IT	LI	LT
LU	LV	MT	NL	NO
PL	PT	RO	SE	SI
SK	TR	UK(NI)		



Importer Name: Concept International GmbH

Importer Address: Zweibrückenstr. 5-7 80331 München Germany

Federal Communication Commission Interference

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

RF Exposure Compliance

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 200mm the radiator your body: Use only the supplied antenna.

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier Trade Name: 
Model No.: **MA1352WN**

Responsible Party – U.S. Contact Information

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<http://www.dtresearch.com>