UNITY SELF 2017

Pre-installation requirements

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TECHNOGYM®

The Wellness Company

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CAREFULLY READ THE INFORMATION CONTAINED IN THIS DOCUMENT.

	DANGEROUS VOLTAGE LEVELS EVEN WHEN THE EQUIPMENT IS OFF

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1. GENERAL WARNINGS

1.1 INTRODUCTION

This document includes the information necessary for correctly preparing the site for equipment installation.

This manual includes informative notes with specific meanings:

ATTENTION: Regulation that may lead to injury if not complied with.

CAUTION: Regulation that may lead to damage to the equipment if not complied with.

WARNING: Information regarding the operation in progress.

Detail regarding the operation in progress.

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2. ELECTRIC REQUIREMENTS

2.1 POWER SUPPLY

	UNITY SELF 2017	
	EXCITE+ MODEL	ARTIS MODEL
Power supply	100-240Vac 50/60Hz	100-240Vac 50/60Hz

Table 1

2.2 POWER SUPPLY INPUT AND WALL SOCKET

The power supply input is located at the base of UNITY SELF, in the rear, as shown in the figure.

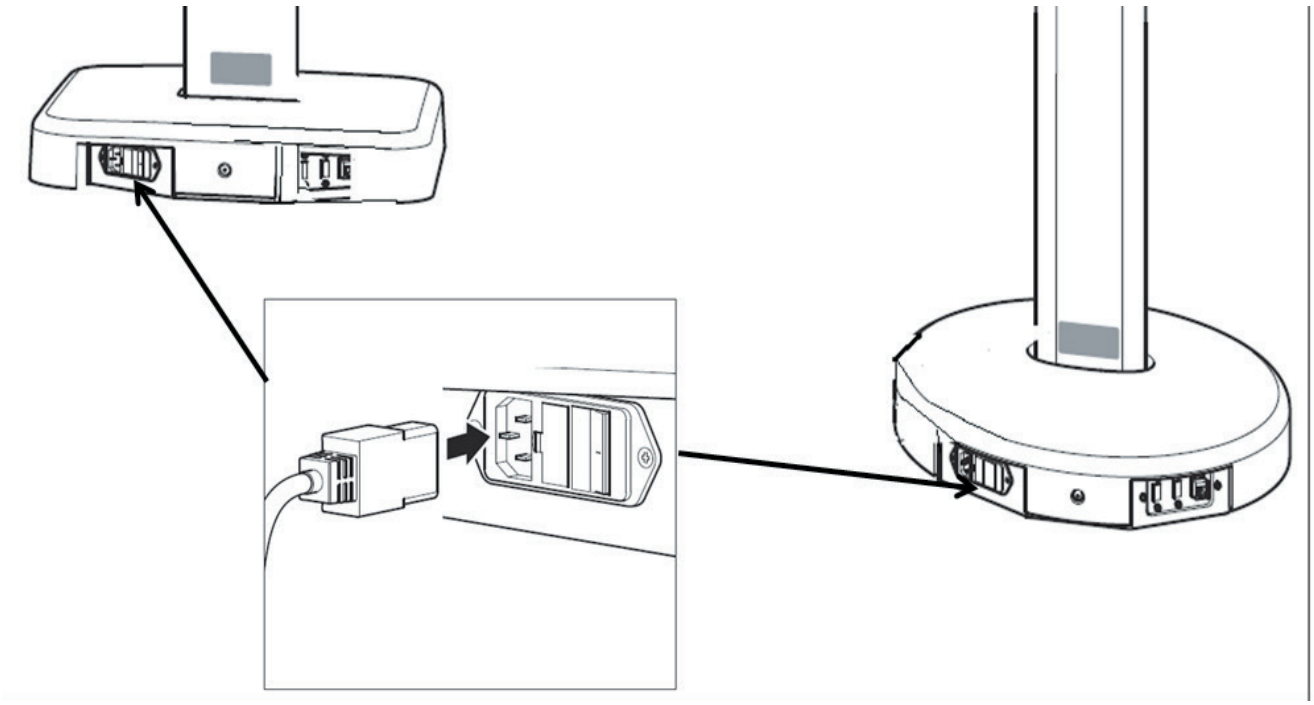

Figure 1

A wall socket with an earth connection is required.

The wall socket must provide power of at least 800 watt and be used exclusively for Unity Self.

3. REQUIREMENTS FOR THE DATA NETWORK CONNECTION

3.1 NETWORK REQUIREMENTS

3.1.1 WIRED ETHERNET NETWORK

- *5e/6 category Ethernet cables- UTP with patch RJ45,*
- *Switch with a number of ports > number of connected equipments.*

3.1.2 WIRELESS NETWORK

- *Wireless Access Point or Router or ADSL Gateway;*
- *Standard: IEEE 802.11a/b/g/n;*
- *Frequency: 2.4GHz, 5GHz;*
- *Advanced security: 64 and 128 WEP/ WPA / WPA2.*

3.2 WIRELESS GUIDELINES

This information is intended only as a guideline.

For the installation and configuration of the wireless network, contact companies and technicians who are experts in the field.

The distance from the access point must not exceed 25-30 metres (without any walls or obstacles).

3.2.1 MAXIMUM NUMBER OF DEVICES CONNECTED TO AN ACCESS POINT

For more details, refer to the technical specifications for the Access Points (AP).

1. **Up to 5 devices**: use a **commercial** access point.
2. **More than 5 devices**: use a **professional** Access Point (see the technical datasheet).

3.3 FIREWALL/ROUTER RULES FOR ACCESSING MW CLOUD SERVICES

The locally installed firewall\router must be configured with ports 80 and 443 open (UDP and TCP traffic).

These ports must also be open on the devices of the relative IPS (internet connection supplier).

In order to correctly use the MW Cloud services, free access to the internet must be guaranteed, and in particular, access to the following list of DNS names must never be blocked.

- *mywellness.com*
- *technogym.com*
- *facebook.com*
- *facebook.net*
- *fbcdn.net*
- *google.com*
- *googleapis.com*
- *google-analytics.com*
- *movergy.com*
- *worldweatheronline.com*
- *clouddrive.com*
- *rackcdn.com*
- *races-lb-639687283.eu-west-1.elb.amazonaws.com*

It is not possible to define the resource domains outside of the cloud (e.g. Facebook, Google, Akamai, worldweatheronline, etc).

3.4 PROXY

PROXY NOT MANAGED.

3.5 IP SETTING

Static IP must be set if UNITY SELF is used for classes (e.g: GC2, Skillmill).

4. MINIMUM HDMI CONNECTION REQUIREMENTS BETWEEN UNITY SELF AND AN EXTERNAL MONITOR / VIDEO PROJECTOR

Basic requirements:

- Use an HDMI cable that is shorter than 10 m. For lengths equal to or greater than 10 m, even if a computer or a set top box is connected there is still a video display problem.

- For distances equal to or greater than 10 m, the following must be used:

- HDMI cables with an incorporated amplifier, or
- HDMI cables with signal regeneration, or
- HDMI extenders that make it possible to arrive to 50 m. The operating diagram is shown below:

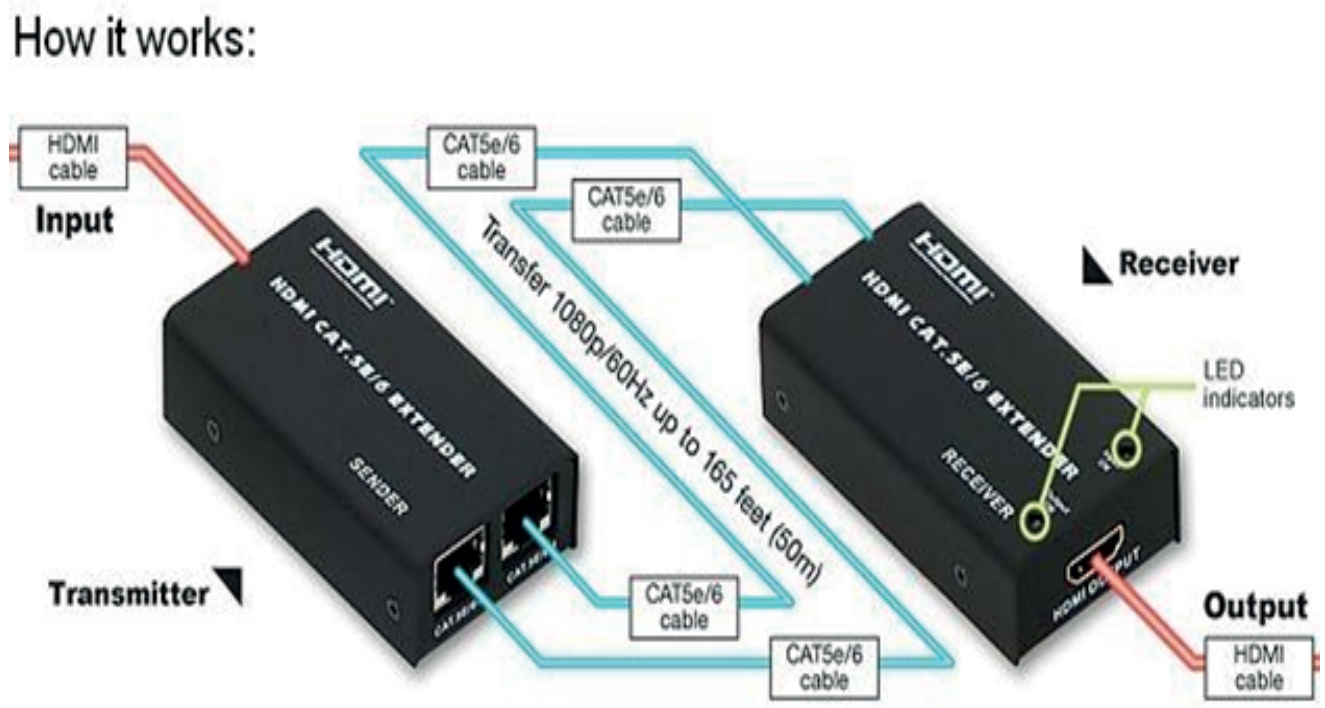

Figure 2

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5. RESOLUTION SUPPORTED BY UNITY SELF

The UNITY SELF output is automatically set to the resolution of the screen with which it is connected.

Supported resolution: 640x480; 720x480; 720x576; 720p; 1080p.

Recommended resolution: minimum of 720p.

If the external monitor/video projector screen is black, check and modify the resolution set for it.

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6. NETWORK INSTALLATION

6.1 NETWORK DESIGN AND INSTALLATION

During the network design and installation phases, Technogym must be in contact with the technicians of the company performing the work in order to obtain and provide technical information, to make sure that the network is installed and configured according to the required technical characteristics.

6.2 CONFIGURATION AND INSTALLATION

The authorised Technogym technician can perform the installation and relative testing of the devices after the customer provides confirmation to have prepared and installed all the required components and that they are functioning correctly.

For this purpose, Technogym will request the customer to fill in an information form regarding the status of the club (check list) and send it to technical support, which will be sent by Technogym a few days prior to the scheduled installation date.

The information form regarding the status of the club (check list) provides Technogym with the information relative to the installation status of the network for the devices in order to makes sure that everything required for the installation is present and functioning with the installation.

ATTENTION: The customer is responsible for the installation and configuration of the network infrastructure (cables) of the network hardware (switch, router, firewall) and of the Wireless network, if applicable.

ATTENTION: TECHNOGYM warns that the efficiency and proper operation of the system depend on the technical characteristics of the installed hardware.

ATTENTION: TECHNOGYM does not guarantee the operation of the Mywellness Cloud services if all the technical specifications and indicated warnings are not observed.

7. ACKNOWLEDGEMENT AND ACCEPTANCE

Date: _____

Acknowledgement and acceptance: _____

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