MF156

15.6” All-Aluminum Touch

Monitor

User Manual

Version 1.0 Dec. 2023

INDEX

Introduction ----------1

Unpacking the touch monitor---------- 1

Verifying the box contents---------- 1

Appearance---------- 2

I/O Ports & Function Buttons---------- 3

Button functions---------- 4

Installation---------- 4

OSD Menu----------5

Dimensions----------7

Specifications----------8

Safety & Maintenance---------- 9

Safety---------- 9

Maintenance box contents----------9

Regulatory----------10

INTRODUCTION

This cutting-edge 15.6" touch monitor excels in delivering crystal-clear images at its native 1920*1020 Full HD resolution, seamlessly integrating the latest advancements in touchscreen technology and display design for an unparalleled user experience.

At its core, the monitor boasts a 16 million-color, active matrix thin-film-transistor, LED backlit LCD panel, ensuring a stunning display with unmatched performance. The Full HD resolution of 1920*1080 makes it an optimal choice for showcasing a diverse range of graphics and images.

Taking user interaction to the next level, the monitor incorporates state-of-the-art GFF projective capacitive 10-points touch sensor. The GFF technology elevates the touch experience, allowing users to effortlessly glide their fingers across the screen, resulting in an exceptionally smooth and natural gesturing experience.

Further to its superior display and touch capabilities, the monitor features the latest USB-C DP Alternate Mode interface, built-in speakers, headphone output capability, and user-friendly on-screen display (OSD) controls.

UNPACKING THE TOUCH MONITOR

1. Place the packing box on a clean, flat surface, ensuring it is in its upright position.
2. Gently open the carton and remove the packing materials.

VERIFYING THE BOX CONTENTS

1. Verify the presence of the following items and accessories:

USB-C Version	HDMI Version
1. 15.6" Touch Monitor 2. USB-C to USB-C Cable	1. 15.6" Touch Monitor 2. HDMI Cable 3. USB-A to USB-C Cable (for touch/data) 4. Power Adapter (5V/3A)

⚠ **NOTE:** The MF156 is equipped with various cable accessories, determined by the version you choose at the time of purchase.

APPEARANCE

TOP

LEFT

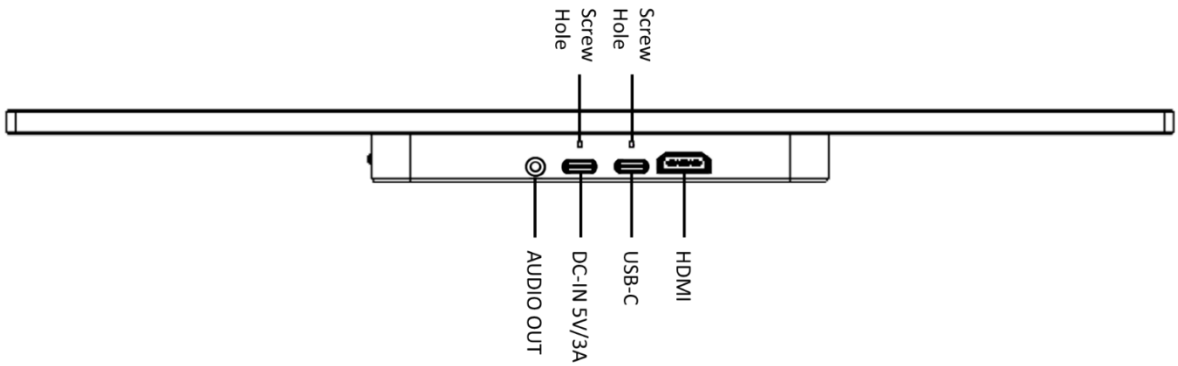
FRONT

RIGHT

BOTTOM

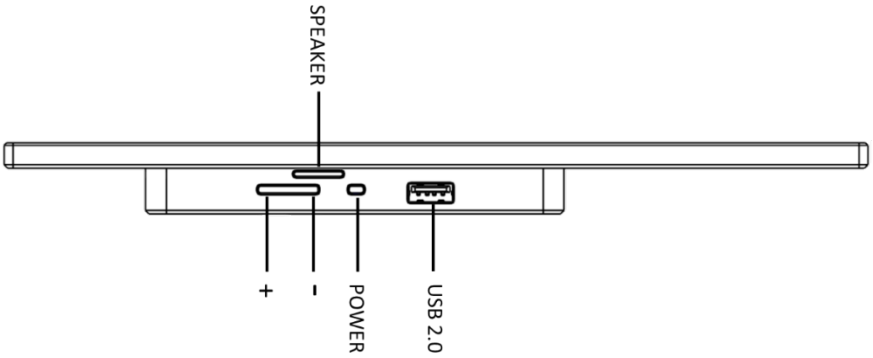
BACK

I/O PORTS & FUNCTION BUTTONS



⚠ **NOTE:** The screw holes are specifically designed to securely fasten USB-C locking plug type cables. Please note that *the USB-C locking plug cable is available only as a special-order item.*

⚠ **WARNING: ONLY USE 5V/3A POWER ADAPTER.** ***Supplying excessive voltage can be hazardous and may result in electronic damages, leading to overheating or even fires.***



⚠ **NOTE:** This USB 2.0 port serves as a downstream I/O port for connecting peripherals such as a mouse, keyboard, and scanners.

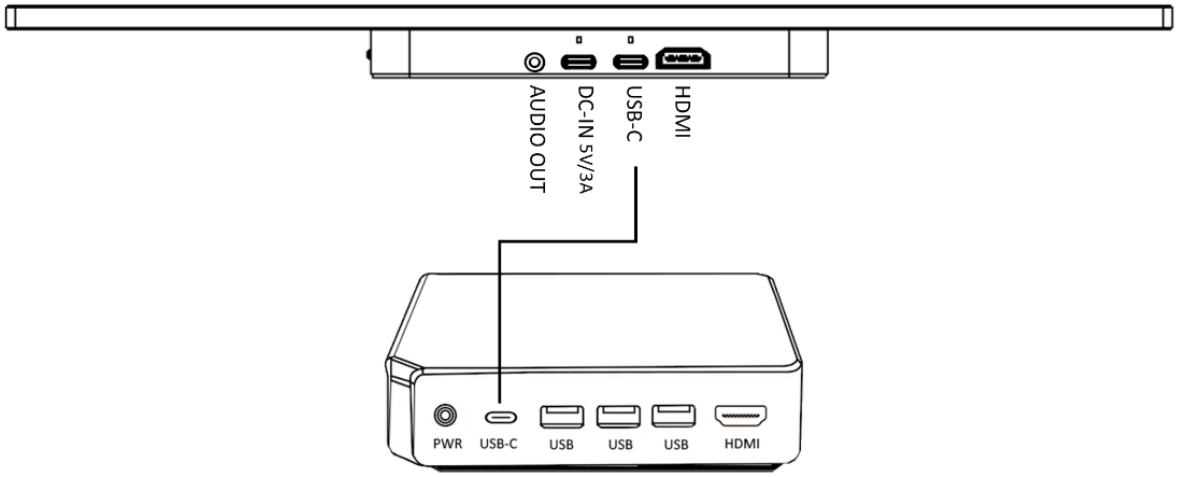
BUTTON FUNCTIONS

Button / Monitor Status	PWR		+		–	
	Long Press	Short Press	Long Press	Short Press	Long Press	Short Press
Power Off	Power On					
Power On	Power Off	Menu		Volume Increase	Input Select	Volume Down
OSD		Select		Scroll Up/ Increase	Return	Scroll Down/ Decrease
No Signal	Power Off	Input Select				

⚠ **NOTE:** The function buttons are not operable when the monitor lacks input power through either USB-C or DC-In ports.

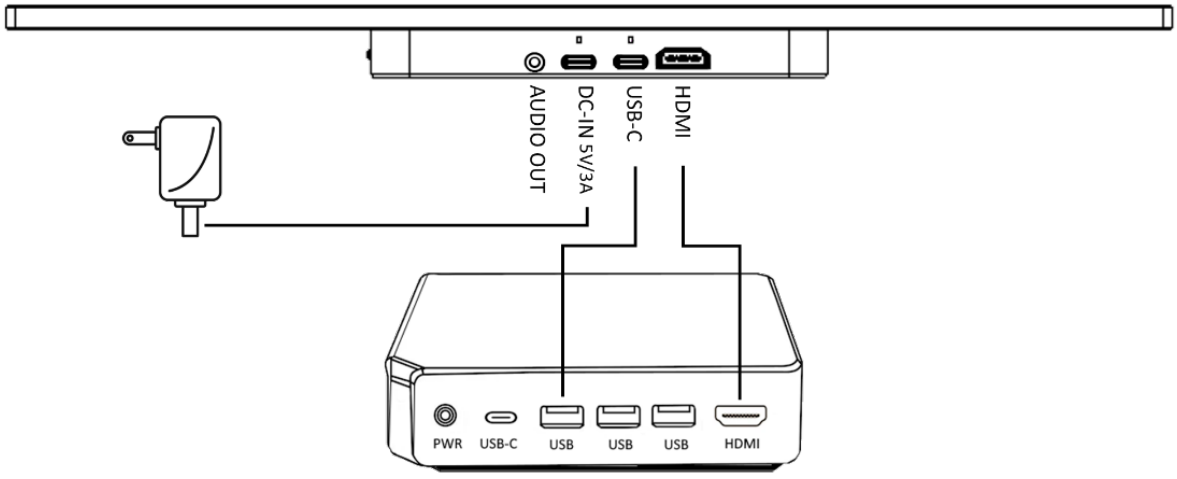
⚠ **NOTE:** The OSD does not function when the monitor is powered off or without a power input.

INSTALLATION



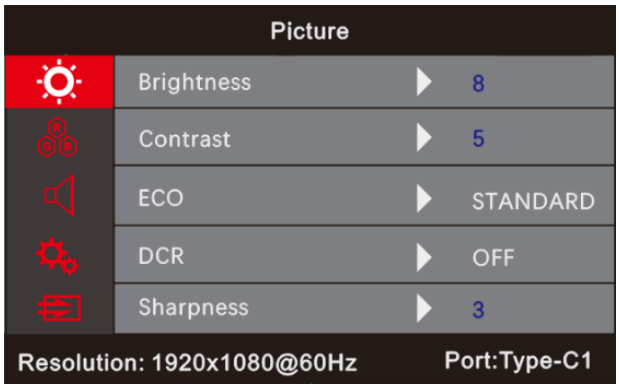
USB-C Mode

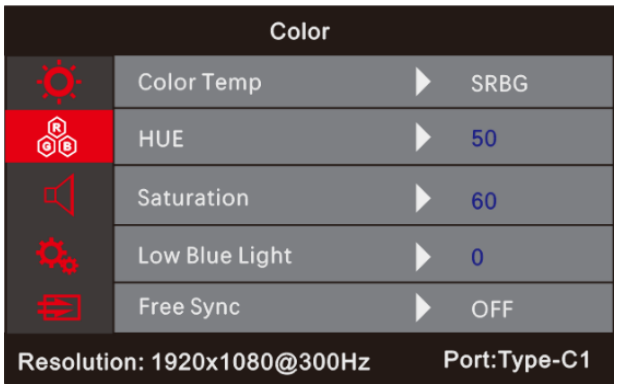
⚠ **NOTE:** To operate in USB-C, your computer system must support USB-C with DP Alternate Mode and with power delivery of minimum 5V/3A.

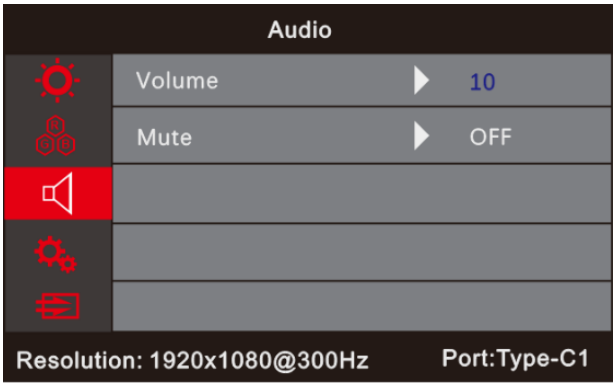


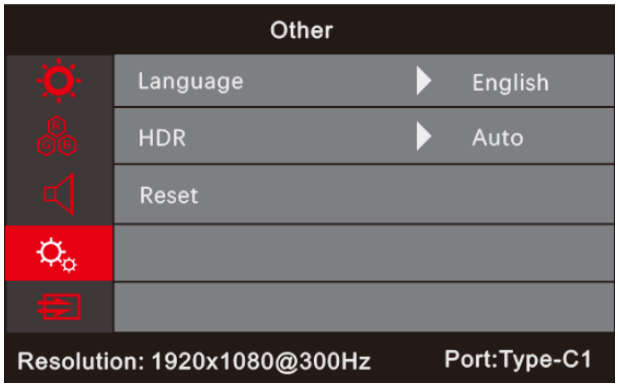
HDMI Mode

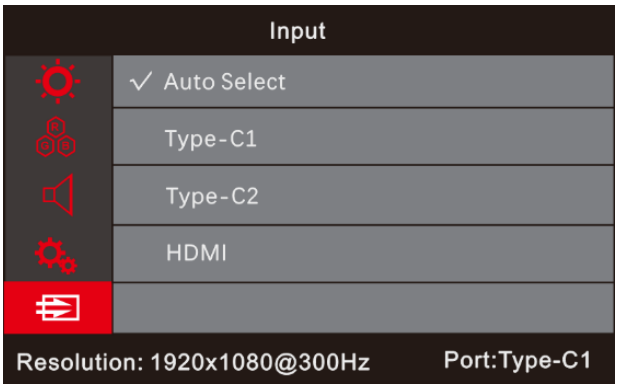
OSD MENU











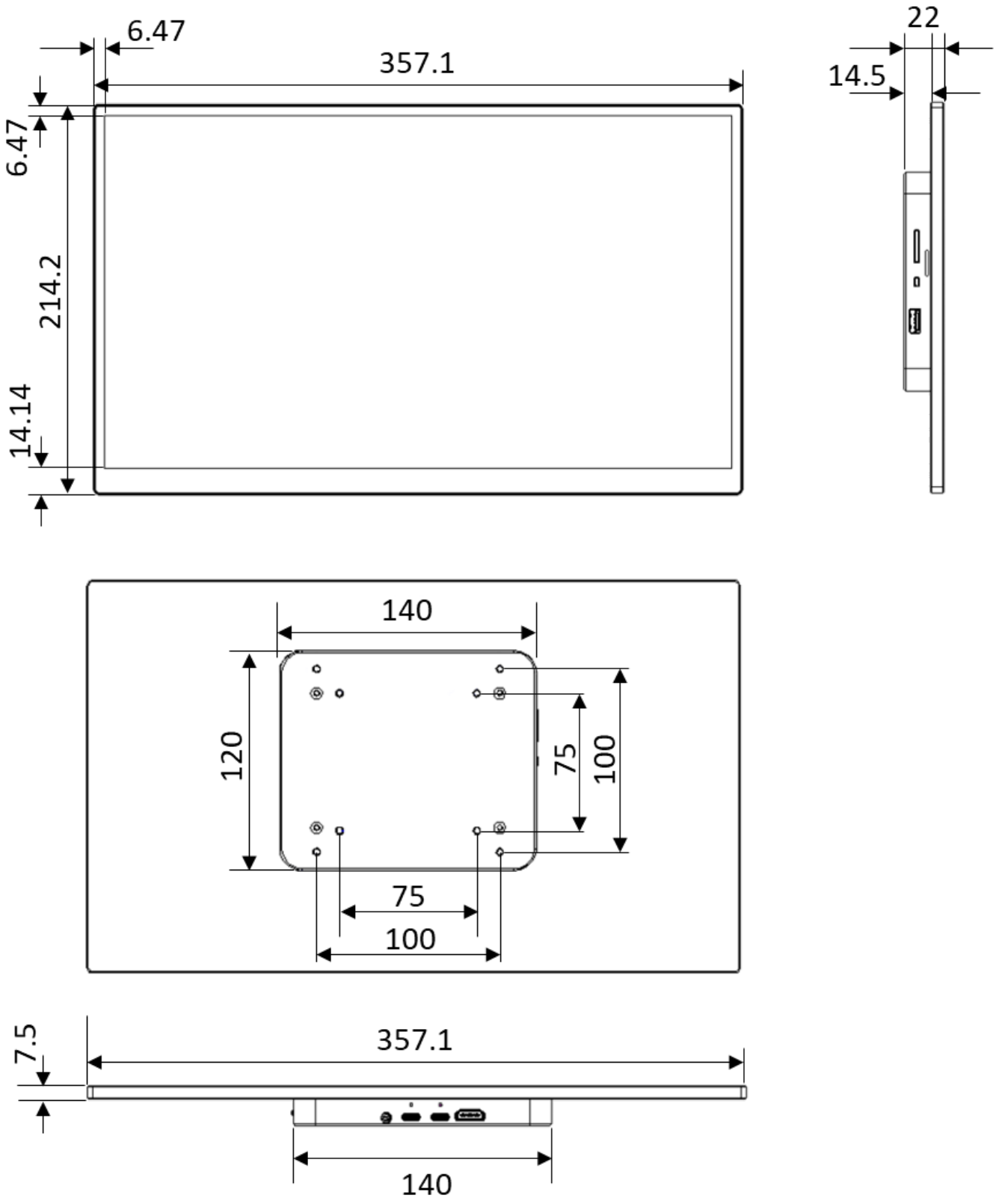
1. To activate the OSD menu, press the **PWR/MENU** button.
2. To scroll through main menu, press the **+** and **–** buttons. Press the **PWR/MENU** button to select.
3. To scroll through sub menu, press the **+** and **–** buttons. Press the **PWR/MENU** button to select.
4. To adjust parameters, press the **+** and **–** buttons.
5. To exit, press and hold the **–** button for 3 seconds, or wait for the OSD to close automatically.

Language Options： English、Traditional Chinese、Simplified Chinese、Deutsch、French, Italian、Spanish、Japanese、Russian、Korean.

⚠ **NOTE:** The OSD menu does not function when the monitor is powered off.

⚠ **NOTE:** Any changes you make are automatically saved when you move to another menu, exit the OSD menu, or wait for the OSD menu to close automatically.

DIMENSIONS



SPECIFICATIONS

Model		A156
LCD	Size	15.6"
	Resolution	1920 * 1080
	Brightness	300 cd/m^2 (Typ.)
	Contrast Ratio (Typ.)	800 : 1
	Response Time (Typ.)	25 ms
	Viewing Angles (H/V)	170° / 170°
	MTBF	15,000 hrs (Min.)
Touch Screen	Type	10 Points Projected Capacitive (GFF)
I/O		1 * USB-C (DP Alternate Mode)
		1 * DC-IN (5V/3A)
		1 * HDMI
		1 * USB 2.0 (downstream)
		1 * Audio-Out (3.5mm)
Internal Speaker		2 * 1Watt (8Ω)
Power		External Power Adapter (15 Watts, 5V/3A)
Environmental	Operating Temperature	0°C ~ 40°C
	Storage Temperature	-20°C ~ 60°C
	Operating Humidity	20% ~ 85% RH non-condensing
	Storage Humidity	20% ~ 85% RH non-condensing
Housing		Aluminum
Dimension (W x D x H)		357 * 224 * 20 mm
Weight (N.W./G.W.)		1.1 Kgs / 2.1 Kgs
Wall Mount (VESA)		75*75 mm & 100*100 mm

SAFETY & MAINTENANCE

SAFETY

1. Do not use the monitor near water. Never spill liquids on the monitor.
2. Do not place the monitor on an unstable cart, stand, or table. If the monitor falls, it can cause injury to personnel and/or result in serious monitor damages. Use only a cart or stand recommended by the manufacturer or one sold with the monitor. If you choose to mount the monitor on a wall or shelf, use a mounting kit approved by the manufacturer and follow the kit instructions carefully.
3. Operate the monitor with the type of power adaptor indicated on the label. Normally, it is packed with the monitor or use an adaptor approved by the manufacturer.
4. Unplug the unit during a lightning storm or when it will not be used for long periods. This will protect the monitor from damage due to power surges.
5. Do not attempt to service the monitor yourself; opening or removing covers can cause damage. Always consult with a trained service technician.
6. For wall-mount power adaptors, the wall socket must be easily accessible and close to the equipment.

⚠ **WARNING:** The monitor may experience malfunctions if operated with an unspecified power supply adapter or incorrect power voltage.

⚠ **WARNING:** Avoid exposing this unit to rain or moist environments to reduce the risk of fire or electric shock.

MAINTENANCE

The following tips will help keep your MF156 touch monitor functioning at an optimal level:

1. Disconnect the AC power adapter cable before cleaning.
2. To clean the display unit cabinet, use a clean cloth lightly dampened with a mild detergent. Do not wipe the screen with a cloth or sponge that could scratch the surface.
3. It is important that the monitor remains dry. Do not get liquids on or inside the unit. If liquid does get inside, turn the unit off and have a qualified service technician check it before you power it on again.
4. This monitor is not designed for outdoor use. Keep the monitor for indoor use only. Ensure the environmental conditions (i.e. temperature and humidity) are maintained within specification.

REGULATORY INFORMATION

(FCC/CE application in-process, expected 2024/02)**

CE Mark

The shipped version of this device complies with the requirements of the EEC directives 2014/30/EU "Electromagnetic compatibility" and 2014/35/EU "Low voltage directive" and RoHS directive 2011/65/EU.

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.

LEGISLATION AND WEEE SYMBOL

This instrument complies with the Waste Electrical and Electronic Equipment Directive 2012/19/EU marking requirement on the treatment, collection, recycling and disposal of electrical and electronic devices and their components.

This symbol on the product or on its packaging indicates that this product must not be disposed of with household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment.

The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your product vendor, your local city office or your community waste disposal service center.

COPYRIGHT @ 2023 Ardax Tech GmbH All Rights Reserved.

The information contained in this document is subject to change without notice.

This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be photocopied, reproduced or translated to another language without the prior written consent of the manufacturer.

DISCLAIMER

We make no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. We shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

TRADEMARK ACKNOWLEDGMENTS

All trademarks mentioned herein are the property of their respective owners.