



Product Specifications

DIGITAL- PODIUM

Model : ELF 72DG

Physical Specifications

Size	659(W) x 1,130(H) x 750(D)
Weight	80Kg
Shipping Weight	120Kg
Shipping Size	804(W) x 909(H) x 1,311(D)
Container stuffing	20ft(14Units) / 40ft dry(28Units) / 40ft HQ(56Units)
Material	All ABS Plastic

Standard Features

Software	Integrated Podium Software, Edupen-Pro
View Angle	22inch wide (Wide angle display Monitor)
Touch Technology	Pen-touch technology based on Digitizer technology & Capacitive touch tech mixed
Audio	Integrated Amplifier
Power Consumption	Up to 200W
Warranty	One-Year limited equipment warranty.

Edupen-Pro Software Specification

About the Edupen-Pro

- The Edupen-Pro is software that you can install on a Windows or Mac computer and use to create applications.

Minimum hardware :

- Intel Pentium Dual core 1Ghz or faster processor
- 1G RAM
- USB 2.0 receptacle

Supported operating system

- Window 7, Windows Vista, XP, 2000

Other requirement

- Administrator privileges
- Internet access
- Up-to-date antivirus utility



Digital Podium Specification(ELF - 72DG)

Composition : ① 22"LCD Monitor & Sub-monitor, ② BODY ③ Main Controller ④ Digital Amplifier ⑤ Wireless Microphone
⑥ Gooseneck Microphone ⑦ 7" LCD Controller ⑧ Laptop Interface Module ⑨ Power Distributor ⑩ RMS Module

① 22"LCD Tablet Monitor		AHALTM-222WD
LCD	Resolution	1920 x 1080 (Full HD)
	View Area	477(H) x 268(V) mm – 22 inch
	Luminance ,White	250 cd/m ²
	Contrast Ratio	1000:1 (typ.)
	Viewing Angle	160° (H/V)
	Lamp Life Time	20,000 Hrs (min)
Tablet & capacitive	Technology	Electromagnetic Resonance & Capacitive Touch
	Detectable Height	3~10mm
	Position Report Rate	138pps
	Pressure Resolution	1024 Level
Sub-monitor		Non Tablet / 22inch wide
DC Adapter (model :CGSW-1203000)		AC100-240V 1.5A 50-60HZ / DC12V 3000mA
② BODY		
Sliding cover		Opening/Closing the cover easily
Soft wheels		Moving podium with convenience
Adjusting Monitor Angle system (Actuator)		User can set monitor angle as user's want
Dimension		659(W) x 1,130(H) x 750(D)
③ Multimedia Controller		AMC-7000
VGA	VGA Inputs	VGA X 2
	VGA Outputs	VGA X 2
	Signal Type	VGA, SVGA, XGA, QXGA
	Max. Resolution	2048 X 1536
	Pixel Frequency	440MHz
Video	Composite Inputs	Video X 2
	Composite Output	Video X 1
	Bandwidth	100MHz
	Return loss	-30dB; 5MHz
Control	Switch Control Ports	X 2
	Screen Relay Controls	X 2
	RFID Control	X 1
	Serial RS-232 Ports	X 4
	RMS Control Module	X 1
Other	Power(Adaptor)	12V, 4A
	Weight	1Kg
④ Digital Amplifier		AMX-3030D
Output Power (Max)		280W 4Ω (140W + 140W) Stereo
Microphone Inputs		8~20mV (3 Input)
PC/Laptop Inputs		70mV (2 Input)
Audio Inputs		70mV (2 Input)
Audio Outputs		250mV (3 Output)
Frequency Response		25Hz ~ 20KHz
AC Power		220V to 240V AC, 50/60Hz
Dimensions		88(H) x 482(W) x 223(D) mm
Weight		4.8 Kg

⑤ Wireless Microphone		AWM-U92
Frequency ranges	925.0MHz ~ 932.0MHz	
Type	Hand mic(92H) and Pin mic(92P)	
Simultaneous Channels	38CH	
Oscillation mode	PLL synthesized	
Frequency stability	±0.005% (-10~50℃)	
Frequency response	40Hz ~ 18KHz	
THD (1KHz)	<0.9%	
Signal to Noise ratio	100dB	
Dimensions	480W x 40H x 220D	
Weight	1.1kg	
⑥ Gooseneck Microphone		AHA-G100
Polar Pattern	Cardioid	
Frequency Response	150Hz ~ 17KHz	
Sensitivity (0dB=1V/1Pa, 1KHz)	-46dB	
Output Impedance	200 ohm Balanced	
Weight(g)	200	
⑦ 7" LCD Controller		
Resolution	800 x 480	
View Area	154(H) x 92(V) mm – 7 inch	
Interface	RS-232	
Touch Type	Resistive	
Operate System	Win CE5.0	
Power	5V, 1A	
⑧ Laptop Interface Modules		AC Output x 1 / HDMI Input x 1 / LAN x 1 / Tablet USB x 1 USB x 2 / Sound Input x 1 / Sound Output x 1 / RCA x 1
⑨ Power distributor		APD-700
AC Outputs	5CH (MAX 150W)	
DC Outputs	12V/4A x 4, 9V/3A x1, 5V/1A x1	
Input	AC Input 100 - 240V,50-60Hz 10A	
Dimensions	480(W) x 88(H) x 298(D) mm	
Weight	5kgs	
⑩ RFID Module		
Frequency	13.56 MHz	
Active Range	0 ~ 20 mm	
Interface	RS – 232C	
Second Time Delay	500ms	
Antenna	Built -In	
Buzzer	Built -In	
Power	5 ~ 12V DC 1A	
Dimensions	42(W) X 80(H) X 19(D) mm	
⑪ RMS Module		
Network	Interface	10/100 Base-T Ethernet
	Protocol	TCP,UDP,IP,ARP,ICMP,MAC,DHCP
Serial	Flow Control	None, XON/XOFF ,RTS/CTS
	Serial Format	8 Databit, N Parity, 1 Stop Bit
	Speed	1200bps to 230Kbps



Controller (AMC-7000)

- 7inch touch screen based on controller.
- Including RFID reader and RMS module.



- Ⓐ IR OUT : IR output.
- Ⓑ PROJECTOR 1 : Connect projector with RS-232
- Ⓒ PROJECTOR 2 : Connect projector with RS-232
- Ⓓ TOUCH : Connect 7" LCD Controller .
- Ⓔ PROJECTOR : Projector VGA OUT.
- Ⓕ MONITOR : Monitor VGA OUT.
- Ⓖ COMPUTER : Computer VGA IN.
- Ⓗ LAPTOP : Laptop VGA IN.
- Ⓘ RMS : Input the Remote control LAN
- Ⓚ DC 9V : Main power input.
- Ⓛ Video OUTPUT : Video and Audio output.
- Ⓜ Video INPUT : Video and Audio input. (A/V Selector).
- Ⓟ AUX SW : Power and Switch control
- Ⓠ Slide Switch : Firmware input switch. (left : Operating Mode, right : Input mode)
- Ⓡ USB Port : Tablet → Monitor ; PC → PC USB ; NOTE → Notebook Interface
- Ⓢ LAN : LAN IN → Main Input ; PC → PC LAN Input : NOTE → Notebook Interface
- Ⓣ SCREEN / ELE : Connect Screen and elevation
- Ⓤ AMP Control
- Ⓡ PC / RFID : PC program input.
- Ⓩ Switch : Firmware Update

Laptop Interface



- Ⓐ AC Input
- Ⓑ Laptop VGA Input
- Ⓒ Connect USB with Tablet
- Ⓓ Laptop LAN IN
- Ⓔ Laptop Sound IN
- Ⓕ Laptop Sound OUT
- Ⓖ External USB
- Ⓗ Connect Composite

* Unavailable DC

Digital Amplifier (AMX-3030D)

- The Amplifier control from 7inch touch Controller



Ⓐ Power input (220V 50/60 Hz)

Ⓑ GND

Ⓒ Speaker terminal

Ⓓ AMP Control : Connect to AMC 7000.

Ⓔ AUDIO OUT : Selected AUDIO output of AUDIO 1 or AUDIO 2.

Ⓕ AUDIO IN

Ⓖ COMPUTER : Desk top computer AUDIO IN / OUT

Ⓗ LAPTOP : Lap top computer AUDIO IN / OUT

Ⓘ Input outside MIC.

⓵ Stand MIC input : main power input.

⓷ Wireless MIC input.

Power Distributor(APD – 700)

- The Power-distributor supply power to all equipment.



1. Power Switch
2. DC Output LED(REL / GREEN)
3. AC POWER IN(100V ~ 240V , 50 / 60 Hz)
4. AC POWER OUT (100V ~ 240V, 50 / 60 Hz) 6CH
5. DC POWER

Output Name	Output Current(A)	Connect
9V	3A	Controller
5V	1A	7inch LCD Controller
12V	4A	Elevation for Monitor
12V	4A	Monitor
12V	4A	Wireless Microphone
12V	4A	-