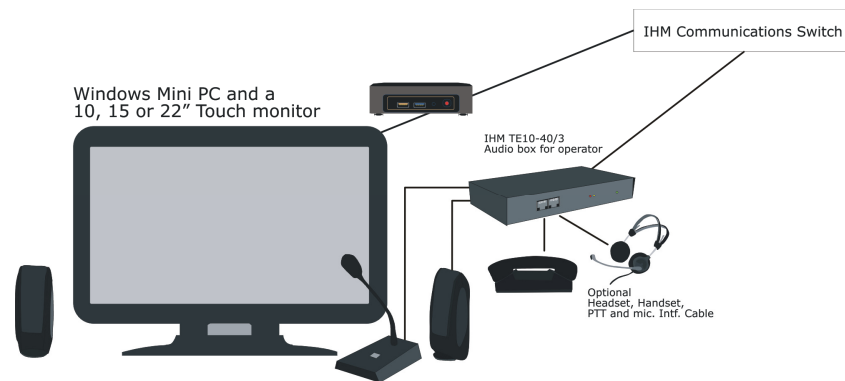# 86-OPER-PC – PC, touch monitor and TE10-40/3

PRODUCT SHEET

IHM provides various versions of an operator position with the desk top terminal, which are differentiated by the size of the monitor:

- 86-Oper-PC8 – monitor size: 10,1"
- 86-Oper-PC9 – monitor size: 15,6"
- 86-Oper-PC10 – monitor size: 22"

All 3 versions, the 86-Oper-PC 8, 9 and 10 are Operator positions used with IHM switches and applications as for example the IHM-MCS IP FLEXIBLE. The positions are made for users who requires a flexible audio device that can be fitted under the table.

Thus, the 86-OPER-PC8/9/10 operator position consist of a Windows mini-PC (SFF), a 10,1", 15,6" respectively 22" touch monitor and an IHM TE10-4/3 desktop audio terminal providing two audio channels. Desktop microphone, loudspeakers, Foot operated PTT, Handset and Headset(s) are optional.

Operator PC
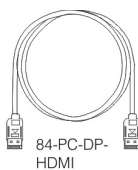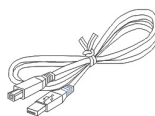
TE10-40 Operator Audio box
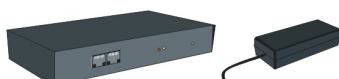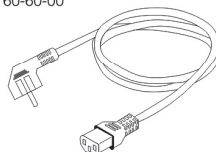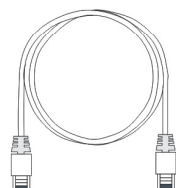
86-OPER-PC – PC, touch monitor and TE10-40/3

PRODUCT SHEET

The Operator PC with Windows OS provides the GUI for the Dispatcher (IHM software Client license required), whereas the TE10-40/3 desktop unit provides the audio to the Dispatcher. The audio box holds interfaces for speakers, for desktop/handheld microphone, for headset/handset. Further, the desktop terminal includes a gooseneck microphone and a large PTT button. The terminal also holds sockets for connection of the optional headset, handset/cradle, foot operated PTT and interface cable for a Motorola hand microphone.
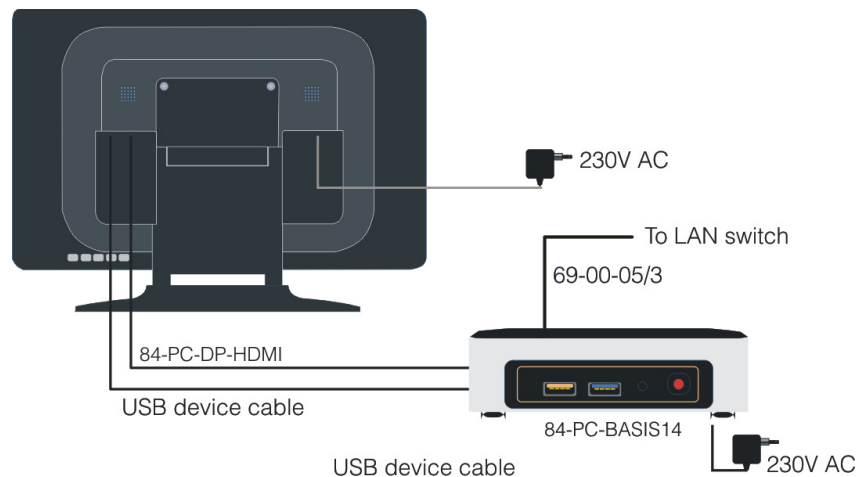
Installation

For installation, follow the drawings below.
Please note that both the PC and the TE10-41 are to be interconnected to the IHM Flexible switch via LAN.

PC Installation

230V AC

To LAN switch

69-00-05/3

84-PC-DP-HDMI

USB device cable

84-PC-BASIS14

USB device cable

230V AC

TE10-40 Installation

TE10-40/3 Front view

IHM MISSION CRITICAL COMMUNICATION

Headset 1   Headset 2

A   B   Power

69-10-001

69-33-2650/7

CA12CD Wireless Headset Base Station
or IHM Handset or standard 8mV headset
84-B-33-2650/5

Plantronics Encore
HW291 headset
84-B-33-2604

86-OPER-PC – PC, touch monitor and TE10-40/3

PRODUCT SHEET

Desktop microphone
84-B-35-2500

Foot operated PTT
84-B-34-9901/2

RJ45-Y Cable
60-52-60828

TE10-40/3 Rear view

LAN/HM817   12V DC   PTT   RS232   Speakers   PC Audio   AUX 1   AUX 2   AUX 3

LAN Switch   **Patch cable**
69-00-05/nn

230 V AC to 15VDC Power Supply
84-PS/7

Loudspeakers
84-PC-SPEAKER

69-60-00 Kettle lead   230V AC

86-OPER-PC – PC, touch monitor and TE10-40/3

PRODUCT SHEET

Optional components

Optionally, the Operator position can be delivered with a wired stereo headset, a handset with built-in PTT-button and retainer, and a foot operated PC or an interface cable for a Motorola hand microphone.
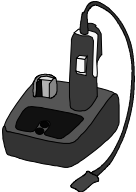
84-B-33-2907 Sennheiser stereo headset with PTT	84-TR11-10/2 Handset & 84-TR11-50/2 Cradle	84-B-34-9901/2 Foot operated switch w/20cm pad	69-18-006 Adapter cable for Motorola microphone
84-B-35-2500 Desktop microphone	84-PC-Speaker Set of loudspeakers	84-B-33-2604 + 84-B-33-2659/7 Plantronics headset and interface cable	84-B-33-2650/5 + 69-10-001 Plantronics CA12CD Wireless kit

Please note: Keyboard and mouse are not included in this kit as they are not required for normal operation of the IHM-MCS series operator software, where you use the touch screen monitor instead.

86-OPER-PC – PC, touch monitor and TE10-40/3

Technical data

Product no	Components	Connectors	Dimensions	Weight
86-TE10-40/3	IHM TE10-40/3			
		RJ45 to LAN DC plug for 230V Adapter with C13 socket RJ45 for headset, handset and Desktop microphone &PTT Jack plug for loudspeaker kit.	188x120x32mm Shipping 310x180x90mm	,6kg Shipping 1kg
84-PC-BASIS14	Intel NUC miniPC w/Windows 10 UK			
		RJ45 to LAN DC plug for 230V Adapter with C13 socket USB x 3, HDMI for monitor	115x115x35mm Shipping 130x140x100mm	,45kg Shipping 1,0 kg
84-PC-MONITOR (to be selected)	Elo Touch Monitor			
84-PC-MONITOR20	10,1"	HDMI for display, USB for touch and DC plug for the power adapter	255x177x29 Shipping 310x240x140mm	0,8kg Shipping 2kg
84-PC-MONITOR21	15,6"	HDMI for display, USB for touch and DC plug for the power adapter	390x245x33mm Shipping 460x350x180mm	3kg Shipping 5,1kg
84-PC-MONITOR22	22"	HDMI for display, USB for touch and DC plug for the power adapter	551x193x392mm Shipping 252x419x572mm	7,5kg Shipping 12,5kg

Other specifications	Notes	
Power supply	Voltage Consumption and heat dissipation maximum	230V AC 10.1" = 47W 15.6" = 50W 22" = 66W
Temperature range	Operating Storage Long term storage	10°C to +30°C -10° to +40°C 0°C to +35°C
Humidity	Non-condensing	20-80% relative humidity
EMC		EN55032 EN55024
MTBF	Depends on optional components included	+ 60.000h