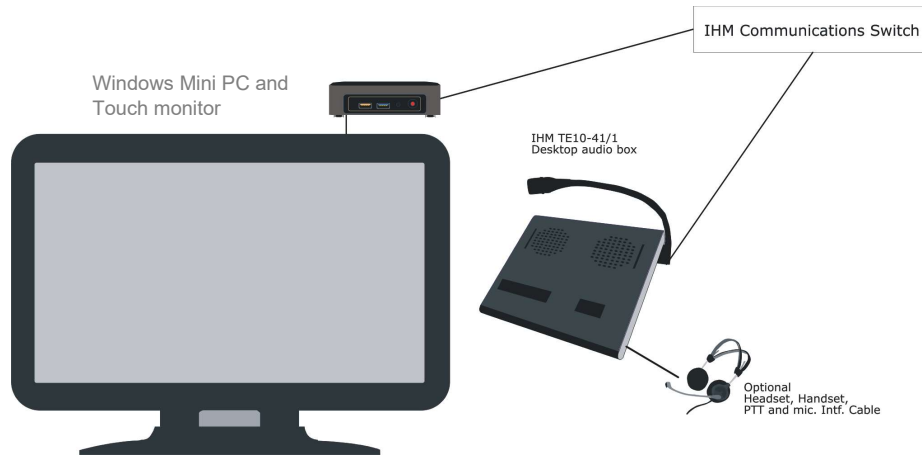# 86-OPER-PC – PC, touch monitor and TE10-41/1

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-PC1 – monitor size: 10,1"
- 86-Oper-PC2 – monitor size: 15,6"
- 86-Oper-PC3 – monitor size: 22"

For all 3 versions, the 86-Oper-PC 1/2 and 3 are an 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 rugged desktop terminal.
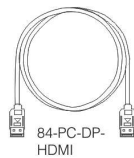

IHM Communications Switch

Windows Mini PC and Touch monitor

IHM TE10-41/1 Desktop audio box

Optional Headset, Handset, PTT and mic. Intf. Cable

Thus, the 86-OPER-PC1/2/3 operator position consist of a Windows mini-PC (SFF), a 10,1", 15,6" respectively 22" touch monitor and an IHM TE10-41/1 desktop audio terminal which includes a gooseneck microphone and built-in loudspeakers for both traffic and monitor channels.
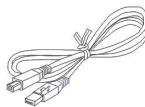
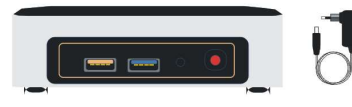**Operator PC**

Touch display and power adapter

Touch monitor

HDMI cable

84-PC-DP-HDMI

USB device cable

Mini Windows PC and power adapter
84-PC-BASIS14

LAN cable
69-00-05/3

TE10-41 Operator desktop terminal

TE10-41/1

84-PS7
PSU for TE10-41/1

Kettle lead
60-60-00

LAN cable
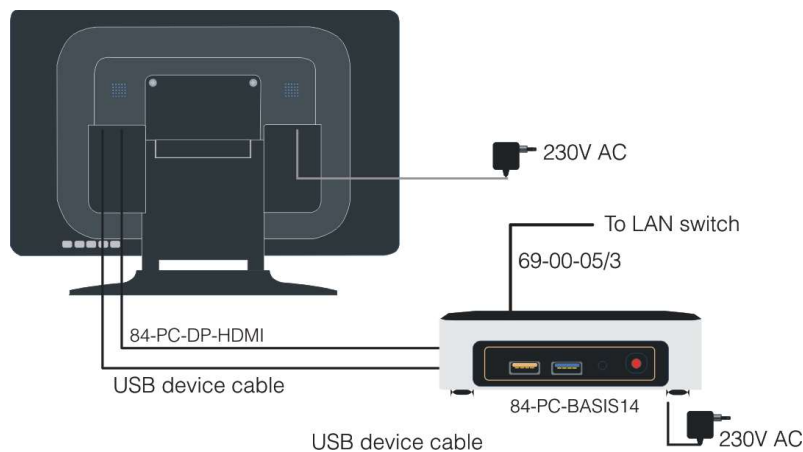69-00-05/3

86-OPER-PC – PC, touch monitor and TE10-41/1

The Operator PC with Windows OS provides the GUI for the Dispatcher, whereas the TE10-41/1 desktop unit provides the audio to the Dispatcher. The desktop terminal holds built-in speakers for both traffic and monitored channels as well as volume sliders for the loudspeakers and for the 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.
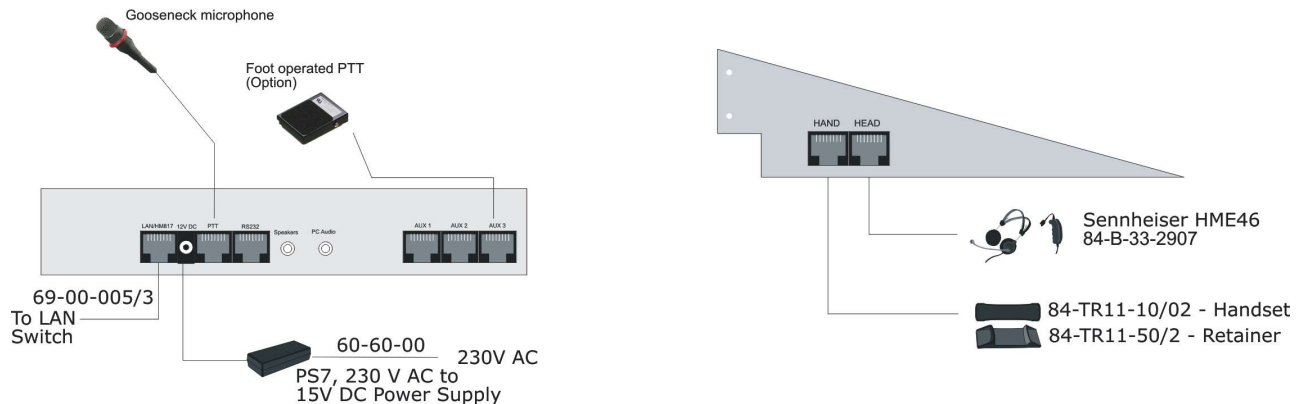
Installation

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

TE10-41 Installation

86-OPER-PC – PC, touch monitor and TE10-41/1

Technical data

Product no	Components	Connectors	Dimensions	Weight
86-TE10-41/1	**IHM TE10-41/1**			
		RJ45 to LAN DC plug for 230V Adapter with C13 socket RJ45 for headset, handset and PTT	250x130x75mm Shipping 240x130x335mm	1kg Shipping 1,7kg
84-PC-BASIS14	**Intel NUC miniPC**			
		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	21,5"	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 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

86-OPER-PC – PC, touch monitor and TE10-41/1

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.

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

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