PADMATY 20S

• **PADMATY 20S** is a low cost and powerful wired keypad. It has 20 back lighted buttons which represent an interface between the user and the machine using either wired infrared, RS 232, wired RS485 or Ethernet with the **Media Bus Control** system. All the buttons can be customized using one of the 192 interchangeable delivery buttons. Connected to the **XMonopro**, **Multicustom**, **Minimono** or **Custo Series** controllers it can be used as a remote control to manage a large range of device like VCR, DVD player, amplifiers, electric screens, lights, heating, air conditioning, security devices, …
Can be controlled with web and Ethernet through **VITYLAN** interface.

• **PADMATY 20S** can simultaneously and directly drives RS232 and many infrared devices. It can act like a stand alone controller.

• Each key can be set up to play a macro or some simple command using **PC2MATY** PC software. In addition, to program each key function, the software allows you to define the way the led will light. Each key is back lighted with a blue led so it can be turned on/off or blinked. **PADMATY 20S**'s application and update is directly loaded from a PC by the bi-directional RS232 link into the **PADMATY 20S**'s micro controller . This makes **PADMATY 20S** an easy programming and autonomous keypad.

• **PADMATY** has a built-in infrared learner receiver, the learned infrared codes are analyzed through the micro controller and sent to the **Media Bus Control** controller through the RS485 bus. In this way you can control any kind of device (RS232, relays, VCA, 0/10V, …).

• GPI or infrared data input allows to receive information and to interpret them to launch action through VITY's controllers.

• **PADMATY 20S** can be connected to a network using VITYLan module.

• An optional table box allows you to use **PADMATY 20S** on a table or wall mount.

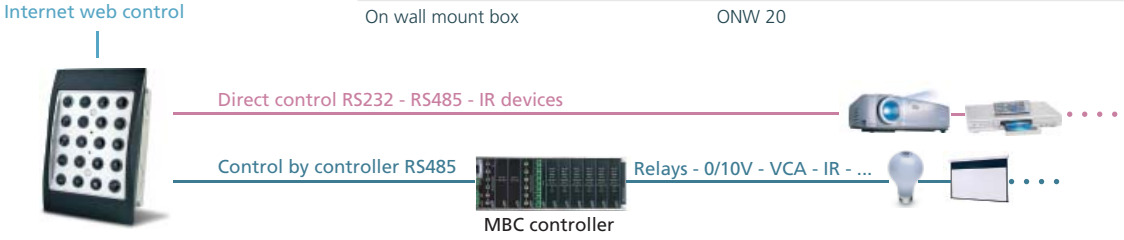
• **PADMATY 20S** is universal and adapts to all the actual and future market brands. It also has a sleeping mode and a presence detection. All this, makes **PADMATY 20S** a low cost and essential product for automation and audiovisual systems for conference rooms, class rooms, auditoriums, ...

SPECIFICATIONS	
Number of keys	20 backlighted (dimmer lights)
Presence detection	up to 75 cm
Infrared receiver	up to 4 meters
Infrared transmitter	with learning led
Number of infrared codes stored	up to 127
Colors	Available in 2 versions: White or black and silver.
Temperature	from 0°C to 50°C

CONNECTION INTERFACE	
Communication with PADMATY	1 RJ 11 connector
RS485	1 connectors of 3 wires
RS232	1 connectors of 3 wires
Infrared bus	1 output connector of 2 wires
Logic GPI or Infrared	1 input connector of 2 wires
Power supply	1 connectors of 2 wires

SOFTWARE	
Application software	PC2MATY

POWER SUPPLY AND CONSUMPTION	
Power supply	12 Volts
Consumption	200 mA - 60 mA in sleeping mode

DIMENSIONS & WEIGHT	
Dimensions - W x H x D	143 x 96 x 50 mm
Weight	355 g

OPTION	
Ethernet module	VITY Lan
On wall mount box	ONW 20