Congratulations on choosing a Clay Paky product!
We thank you for your custom.

Please note that this product, as all the others in the rich Clay Paky range, has been designed and made with total quality to ensure excellent performance and best meet your expectations and requirements.

Carefully read this instruction manual in its entirety and keep it safe for future reference. It is essential to know the information and comply with the instructions given in this manual to ensure the fitting is installed, used and serviced correctly and safely.

CLAY PAKY S.p.A. disclaims all liability for damage to the fitting or to other property or persons deriving from installation, use and maintenance that have not been carried out in conformity with this instruction manual, which must always accompany the fitting.
CLAY PAKY S.p.A. reserves the right to modify the characteristics stated in this instruction manual at any time and without prior notice.
• Installation
Make sure all parts for fixing the equipment are in a good state of repair.
Make sure the point of anchorage is stable before positioning the equipment.
The safety chain must be properly hooked onto the fitting and secured to the framework, so that, if
the primary support system fails, the fitting falls as little as possible.
If the safety chain gets used, it needs to be replaced with a genuine spare.

• Minimum distance of illuminated objects
Carefully read this instruction manual dedicated to the projector inside the IGLOO.

• Minimum distance from flammable materials
Carefully read this instruction manual dedicated to the projector inside the IGLOO.

• Mounting surfaces
It is permissible to mount the fitting on normally flammable surfaces.

• Maximum / Minimum environment temperature
Do not operate Igloo if the ambient temperature (Ta) exceeds 40° C (104° F).
The minimum permissible ambient temperature of use is -20 ° C.
When the environment temperature falls below 0 ° C, it is necessary to switch-on projector and
lamp located inside the Igloo, at least 30 minutes before use, so as to lead to thermal regime the
fixture effects.

• IP54 protection rating
Igloo is protected against dust (first digit 5) and splash (second digit 4).

• Protection against electrical shock
Connection must be made to a power supply system fitted with efficient earthing (Class I appliance
according to standard EN 60598-1).
It is, moreover, recommended to protect the supply lines of the equipment from indirect contact
and/or shorting to earth by using appropriately sized residual current devices.

• Connection to mains supply
Connection to the electricity mains must be carried out by a qualified electrical installer.
Check that the mains frequency and voltage correspond to those for which the equipment is
designed as given on the electrical data label.
This label also gives the input power to which you need to refer to evaluate the maximum number
of fittings to connect to the electricity line, in order to avoid overloading.

• Temperature of the external surface
The maximum temperature that can be reached on the external surface of the Igloo, in a thermally
steady state, is 90°C (194°F).

• Maintenance
Before starting any maintenance work or cleaning the device, cut off power from the mains supply.
Carefully read the projector’s instruction manual for maintenance of the projector inside the igloo.
Replace any damaged part with original ones.

The products referred to in this manual conform to the European Community Directives to which
they are subject:
• Low Voltage 2006/95/CE
• Electromagnetic Compatibility 2004/108/CE
Mounting brackets for projector placement - Fig. 1
The dedicated brackets replacing the side handles should be mounted before inserting the projector in the IGLOO:
C61192 - fast fit bracket for ALPHA 300/700/800
C61191 - fast fit bracket for SHARPY

WARNING:
to avoid damaging the projector, use the screws supplied with the bracket unit and not the ones previously removed.
Projector placement - Fig. 2

Once placed in the igloo the projector is fixed to the base by tightening the screws using 1/4 turns secured to the brackets.
Connecting to the control signal line (DMX) - Fig. 4
Use a cable conforming to specifications EIA RS-485: 2-pole twisted, shielded, 120Ohm characteristic impedance, 22-24 AWG, low capacity. Do not use microphone cable or other cable with characteristics differing from those specified. The end connections must be made using XLR type 3 or 5-pin male/female connectors. A terminating plug must be inserted into the last fixture into the Igloo with a resistance of 120Ohm (minimum 1/4 W) between terminals 2 and 3. IMPORTANT: The wires must not make contact with each other or with the metal casing of the connectors. The casing itself must be connected to the shield braid and to pin 1 of the connectors.
DIP SWITCH 1: DMX ADDRESS SETTINGS
The DMX address set on the Dip-switch 1, is the address to control the switching-on / switching-off of the device via the control unit.

Set dip-switches according to the required DMX address:
Example: DMX 11 address settings
Turn dip-switches 1, 2, 4 ON

DIP SWITCH 2: RECEIVING CONTROL MODE SETTINGS

Switch 1, 2, 3 ON:
Wireless operating mode (Radio)

Switch 1, 2, 3 OFF:
Wired operating mode (DMX cable)

LED LANGUAGE

- GREEN LED ON: DMX board power on
- RED LED

<table>
<thead>
<tr>
<th>Bit</th>
<th>%</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-255</td>
<td>39.5-100</td>
<td>IGLOO SWITCHED-ON</td>
</tr>
<tr>
<td>26-100</td>
<td>10.0-39.0</td>
<td>IGLOO SWITCHED-OFF</td>
</tr>
<tr>
<td>0-25</td>
<td>0.0-9.7</td>
<td>NO FUNCTION</td>
</tr>
</tbody>
</table>

- YELLOW LED

| Off             | Not assigned to a transmitter |
| Mixed flashing | Assigned to a transmitter and no DMX signal |
| On             | Assigned to a transmitter and DMX signal found |
| Fast flashing  | link to transmitter lost or connecting to transmitter |
WARNING: with the exception of when the Igloo is positioned on the floor, the safety cable must be fitted. (Cod. 105041/003 available on request). This must be securely fixed to the support structure of the equipment and then connected to the fixing point at the centre of the base. If the device is fixed to a wall, horizontally, mount the kit G61193 for proper and complete installation Fig. 8.

CAUTION:
The 2 IGLOO conveyors should always be facing down. By gripping them with both hands it is possible to rotate them in the desired position. An acoustic signal will alert incorrect conveyor positions.
C61193 - OPTIONAL ACCESSORIES

- 2 x 183102/802
- 1 x 105041/003
- 1 x 272023/001
- 1 x 033205

Mounting kit C61193 - Fig. 8
CAUTION:
To avoid damage to the internal parts of the fixture, installed inside the IGLOO, when the fixture is not working, is recommended to turn the head down before turning the fixture off, so that the front lens of the fixture is invested as little as possible from the sun.

Wireless control - Fig. 10
The wireless control is only available in the IGLOO version (not EASY).
Lock assembly - Fig. 11
The device latches are fitted with holes for affixing safety locks if desired.
Replacing fuse - Fig. 12

2x Fuses
6,3 x 32mm 2AT (030472)
Periodical cleaning - Fig. 13
To ensure optimal operation and performance for a long time it is essential to periodically clean the parts subject to dust and grease deposits. The frequency with which the following operations are to be carried out depends on various factors, such as the amount of the effects and the quality of the working environment (air humidity, presence of dust, salinity, etc.).

It is recommended that the equipment undergoes an annual service by a qualified technician for special maintenance involving at least the following operations:

• General cleaning of internal parts.
• General visual check of the internal components, cabling, mechanical parts, etc.
• Electrical and functional checks; eventual repairs.

Cleaning igloo cover
Clean the cover using only water and mild soap, then dry with a soft non-abrasive cloth. (CAUTION: the use of alcohol or other cleaning products may cause damage to the cover).
Power supplies available
• 100-120V 50/60Hz
• 200-240V 50/60Hz

Input power:
• 150VA a 230V 50Hz (Igloo)
• Max 1200VA a 230V 50Hz (Projector)

Input
DMX 512 / wireless

IP54 protection rating
• Protected against dust
• Protected against splashing

CE Marking

Safety Devices
• Two 2AT fuses.
• The projector placed in the igloo is also equipped with safety devices (see dedicated manual)

Cooling
Forced ventilation with fans.

Anti-condensation system
Pair of RTDs

Body
• Stainless steel structure with plastic pressure casting covers.
• Four side handles for transportation.

Working position
Functioning in any position.

Weights:
about 32 Kg.

Note:
Carefully read the instruction manual, dedicated to the projector inside the Igloo, for additional technical details.