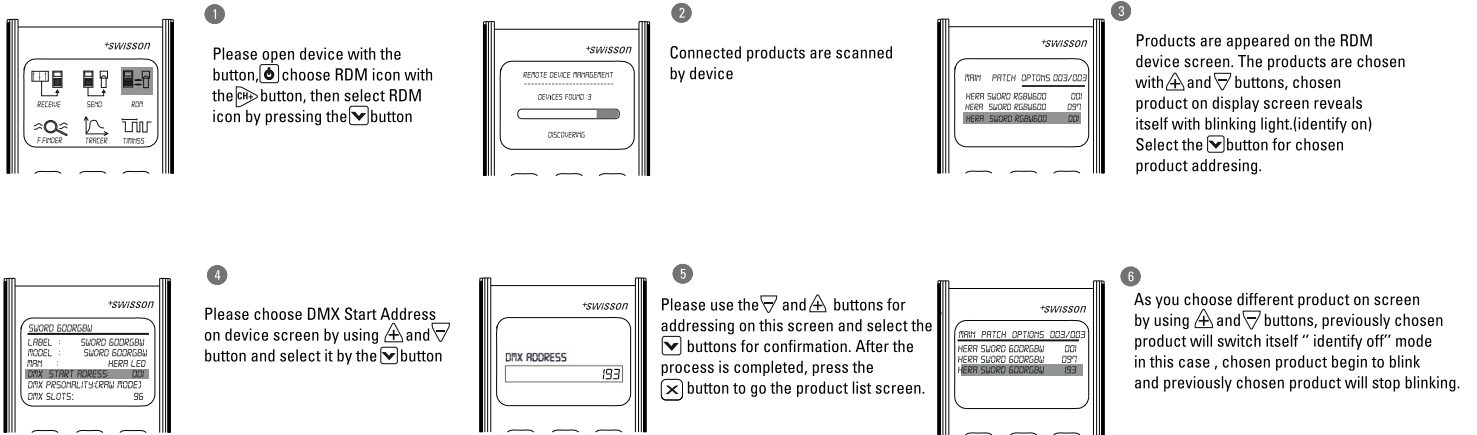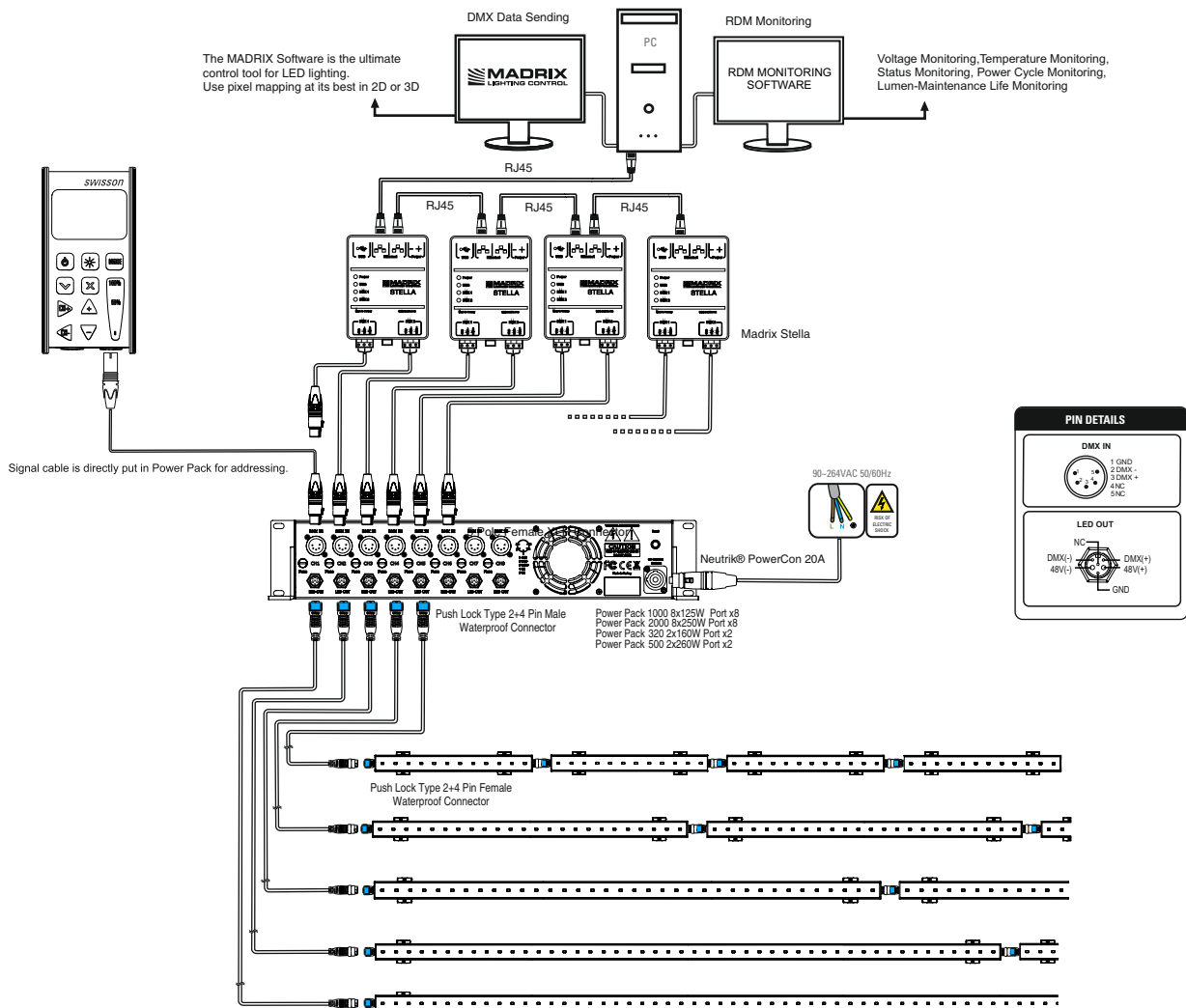**hera**
entertainment & architecture lighting

Group of RDM Addressing

As below There is a group of RDM addressing process which is made of Swisson XMT-350. Please, follow the numbered drawings for RDM addressing of our products. Please check the link for more details click here www.heraled.com/technic/1

❶ Please open device with the button, ⬤ choose RDM icon with the CH▷ button, then select RDM icon by pressing the ⬇ button

❷ Connected products are scanned by device

❸ Products are appeared on the RDM device screen. The products are chosen with ⬆ and ⬇ buttons, chosen product on display screen reveals itself with blinking light.(identify on) Select the ⬇ button for chosen product addresing.

❹ Please choose DMX Start Address on device screen by using ⬆ and ⬇ button and select it by the ⬇ button

❺ Please use the ⬇ and ⬆ buttons for addressing on this screen and select the ⬇ buttons for confirmation. After the process is completed, press the ✕ button to go the product list screen.

❻ As you choose different product on screen by using ⬆ and ⬇ buttons, previously chosen product will switch itself " identify off" mode in this case , chosen product begin to blink and previously chosen product will stop blinking.

RDM Addressing Block Diagram

The MADRIX Software is the ultimate control tool for LED lighting.
Use pixel mapping at its best in 2D or 3D

Voltage Monitoring,Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring

Signal cable is directly put in Power Pack for addressing.

Madrix Stella

Push Lock Type 2+4 Pin Male Waterproof Connector

Power Pack 1000 8x125W Port x8
Power Pack 2000 8x250W Port x8
Power Pack 320 2x160W Port x2
Power Pack 500 2x260W Port x2

Neutrik® PowerCon 20A

90~264VAC 50/60Hz

PIN DETAILS

DMX IN
1 GND
2 DMX -
3 DMX +
4 NC
5 NC

LED OUT
NC
DMX(-)   DMX(+)
48V(-)   48V(+)
GND

Push Lock Type 2+4 Pin Female Waterproof Connector

Suggestions to Reach for DMX Control

• Total cable length should not be more than 3,900 ft (1200m) without buffering.
• Total fixture number should not be more than 32 pcs on a single line without buffering.
• It is recommended to use only connection cables with a characteristic impedance of 120 ohm,
  where the DMX + and DMX – data lines are intertwined and there is a ground link as a coaxial screen surrounding the inner cores.
• 120 Ω terminating resistor should connect between the DMX + and DMX – output connections of the last fixture.
• Do not insert a passive Y-split into the control cabling. Use a powered DMX splitter/buffer, if necessary to separate the control link in order feed fixtures
  in different locations. Make sure that the DMX + and DMX – connections do not get crossed at any point.