

**Z38 Series – Ø38mm Laser Trackball, Panel Mount, USB, PS/2 Output****1. DESCRIPTION**

Utilizing the latest and most advanced laser tracking technology, the Z38 Series Laser Trackerball™ is an extremely high specification, contact-less device, ideal for the most demanding of cursor control applications. The device provides both conventional X and Y-axis cursor movement with an additional Z-axis control wheel surrounding the ball. The laser tracking engine provides accurate cursor motion at all speeds and on virtually any ball, combining the benefits of solid state sensing (no moving parts except the ball) with the aesthetics, functionality and performance associated with the Cursor Controls product range.

The unit has been designed to be back of panel mounted as part of OEM keyboards and consoles.

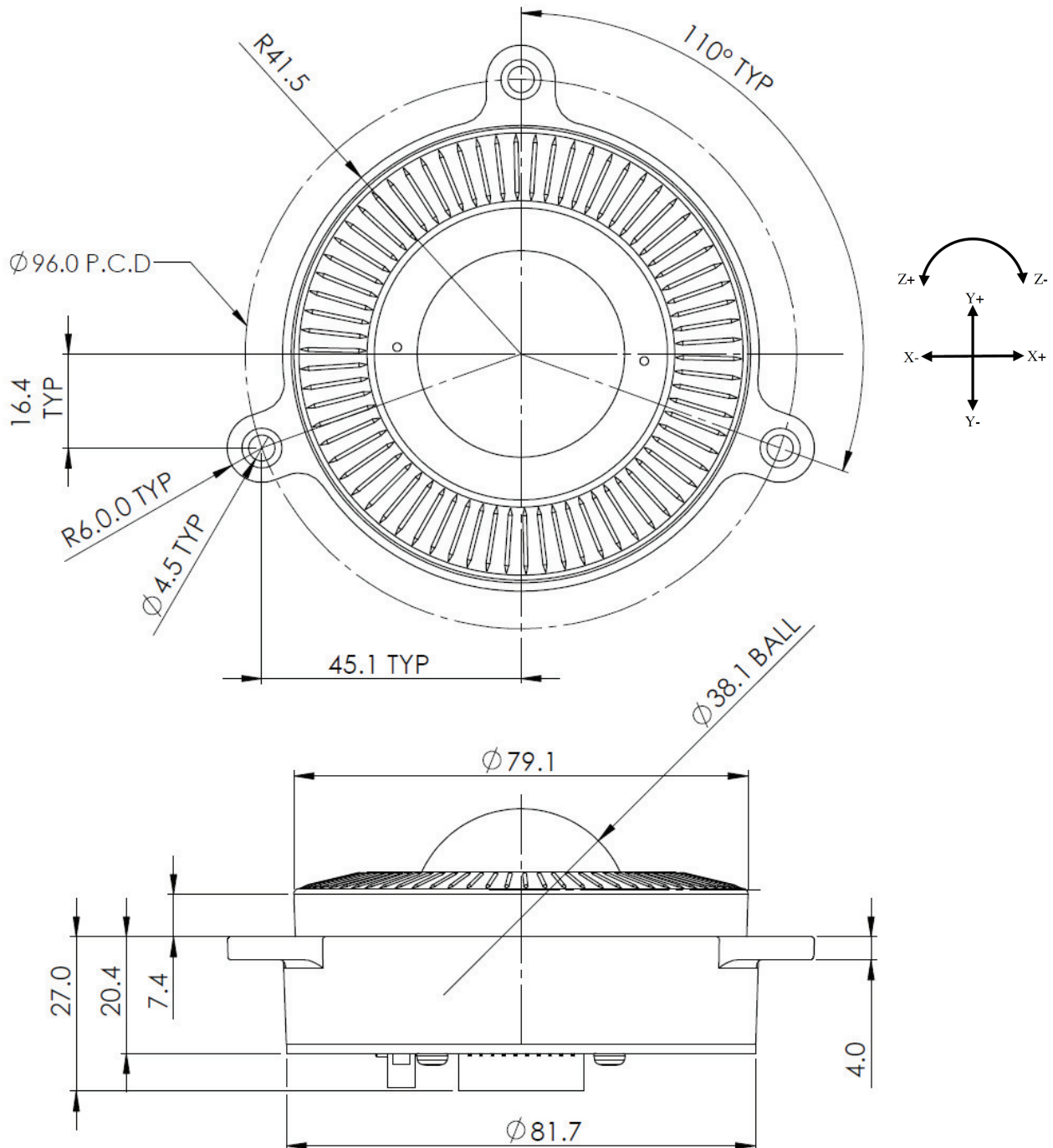
**2. FEATURES**

- Solid state sensing technology – laser tracking engine
- Z-axis control wheel for scroll/zoom capability
- Output: USB/PS2 (auto-select)
- Smooth operation in rugged environments
- Various top plate configurations available
- Custom connector options available
- Various ball colours

**3. APPLICATIONS**

- Sound and lighting desks
- Video editing consoles
- Medical systems
- Marine systems
- Custom keyboard applications
- Industrial consoles
- OEM custom solutions available

## 8. DIMENSION DRAWING



Dimensional drawing specifies factory default orientation.

All dimensions are in mm unless otherwise stated.

Tolerances  $\pm 0.2$ mm unless otherwise stated

Please note that an IGES model is available on request. Please contact your local sales office for more information.

## 9. PRODUCT ORDERING CODE SYSTEM

Please construct your standard product ordering code by selecting the numbers and letters to suit your specification:

<b>Z</b>	<b>38</b>	-	<b>1</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>X</b>	<b>D</b>	-	<b>D</b>
<b>Product range</b> Z = Z Series	<b>Ball size</b> (Nominal mm)									
<b>Sealing capabilities</b> 1 = IP 40										
<b>Electrical output*</b> 6 = USB/PS2 (auto-select)										
<b>Integrated switches</b> 0 = No external Switches										
<b>Mounting option</b> 2 = Mount to back of panel										
<b>Top plate &amp; body style *</b> 1 = Black top ring & 3 <sup>rd</sup> axis wheel - damper ring 2 = Black top ring & 3 <sup>rd</sup> axis wheel – silicone rubber seal 3 = Black top ring & 3 <sup>rd</sup> axis wheel - PTFE seal										
<b>Ball colour *</b> D = Metallic grey										
<b>Tracking engine</b> D = X-Range										

\*For further options on ball colours please contact your local sales representative

### 9.1 Ordering Example

**Z38-16021D-D:** Z38, IP40, USB/PS2, no switches, mount to back of panel, black top ring & 3<sup>rd</sup> axis wheel - damper ring, metallic grey ball, X-range tracking engine.