

# WELDING SAFETY

## Automatic Welding Helmets



### CHAOS™ MIG/MMA/TIG Compatible

Analogue Lens with Internal & External Controls

Large 100mm x 60mm Viewing Area

4 Independent Sensors

#### Technical Data

|                        |                                            |
|------------------------|--------------------------------------------|
| ADF Model              | XA-122E                                    |
| Controls               | Analogue                                   |
| Cartridge Size         | 110mm x 90mm                               |
| Viewing Field          | 100mm x 60mm                               |
| Classification         | 1/1/1/2                                    |
| Arc Sensors            | 4 x Independent Photo Sensors              |
| Light Mode:            | Shade 4                                    |
| Weld Mode:             | Variable Shade: Din 9-13 (External)        |
| TIG Suitable           | Min 3 Amps                                 |
| Switching Speed @ 23°C | 0.08ms                                     |
| Sensitivity Setting    | Adjusts for varying ambient light          |
| Delay Control          | Adjusts dark-to-light state 0.1 to 0.9 sec |
| Grind Function:        | Yes (External)                             |
| Grind Warning Flash    | Yes                                        |
| Low Battery Indicator  | Yes, indicates battery life 2-3 days       |
| Operating Temperature  | -10°C to 65°C                              |
| Storage Temperature    | -20°C to 85°C                              |
| Power Control          | Fully automatic                            |
| Power Supply           | Solar cells & replaceable CR2450 batteries |
| Total Weight           | 580g                                       |
| Standards              | ANSI Z87.1 / DIN / CE / TUV                |
| Warranty               | 24 Months from Date of Purchase            |

#### XA-122E Control Panel



## ELITEVISION™

LENS TECHNOLOGY

#### Overview

The CHAOS™ helmet by Xcel-Arc is a high quality wide-view automatic welding helmet that's suitable for almost all welding applications. The CHAOS™ includes an externally operated Grind Mode function, as well as True Colour™ and the latest Comfort Headgear design. The CHAOS™ helmet features four independent arc sensors with solar powered cells and easily replaceable batteries. Other features include external shade adjustment with variable shade 9-13 and TIG operability to 3 amps. Internal controls include adjustable time Delay to clear state and Sensitivity for triggering to dark state. The CHAOS™ helmet is a lightweight and comfortable helmet with a uniquely Kiwi graphics design package for the Kiwi welder who likes to stand out from the crowd. DIN standard approval guarantees maximum eye protection during welding. The unique design, features and price of the CHAOS™ makes it without doubt the best value for money mid-level automatic welding helmet on the market today. The CHAOS™ helmet is backed with a 2-year warranty for your peace of mind.

#### Part-No

| Part-No       | Description                                 |
|---------------|---------------------------------------------|
| CHAOS         | XcelArc Chaos Auto Darkening Welding Helmet |
| XA-AS-100-FCL | Front Cover Lens 97x118mm                   |
| XA-AS4-1-ICL  | Inside Cover Lens 105x65mm                  |
| XA-AS-3-HB    | HG2003 Ergo Head Band Assembly              |
| XA-AS-1-SWB   | Sweat Band                                  |
| XA-AS4-1-BAT  | CR2450 Battery                              |
| MWL4215       | Magnifying Welding Lens 1.5 - 108x51mm      |
| MWL4220       | Magnifying Welding Lens 2.0 - 108x51mm      |

XA-AS-100-FCL  
Front Cover Lens  
97x118mm

XA-AS4-1-ICL  
Inside Filter Lens Cover  
105x65mm

MWL42--  
Magnifying Lens  
108x50mm

