



Following the immense success of [XPAND original Cinema 3D Glasses Model X101](#), XPAND is presenting the new generation of Cinema 3D Glasses that can – along the X101 – fill different needs of cinematic exhibition of today, while retaining all the benefits of the older model of the 3D Glasses.

XPAND Infinity 3D Glasses are [HFR Ready!](#)

Lighter & more comfortable

XPAND X103c Series 3D Glasses have dramatically lighter frame – staggering 30%. Improved ergonomic design also ensure long-wearing comfort.

Extended Battery Life

XPAND X103c Series feature standard CR2032 battery. Battery life has been dramatically increased to more than 300 hours of use. On top of that, the battery is locked, yet it's easily replaceable.

Improved Brightness and wide viewing angle

XPAND X103c Series feature improved brightness for accurate color experience. The wide viewing angle ensures optimal 3D experience no matter where you sit in the theatre!

Features

- Improved brightness
- 30% lighter frame and ergonomic design for long-wearing comfort
- Battery door locked, can be easily opened with a knife or similar tool
- Battery life: over 300 hours
- Wide 3D viewing angle – optimal 3D experience no matter where you sit in the theatre!
- Ergonomic design for long-wearing comfort
- Active Shutter IR based
- The fastest shuttering speed eliminating headaches, fatigue, and eyestrain
- High transmission ratio for bright images
- Non sealed/non washable
- Non-foldable, replaceable arms
- Exchangeable nosepiece (large and small)

Optional

- Anti-theft tag
- Black color (VIP version)

Batteries

- Standard CR2032
- Locked, but easily replaceable
- Over 300 hours of use

XPAND Warranty and Support

- 1 year limited product repair / replacement warranty
- Optional replacement accessories available



Technical Specifications

Model	X103-C
3D Technology	Active Shutter Glasses
Sync Method	IR
HFR Support	Yes
Shuttering Frequency	96 Hz – 240 Hz
Lens Type	LCD, TN
Lens Size	2.2" diagonal (57 mm)
Lens Transparency	37%
Contrast	2000/1
Battery Type	CR2032 lithium coin battery (3 V, 220 mAh)
Operating Time	min 300 h at 24 fps, triple flash (most common)
Battery Protection	Locked, non-waterproof
Operating Temperature	43°F – 113°F (5°C – 45°C)

Frame Specification

Frame Dimensions	6.6" x 1.8" x 6.4" (167,6 x 45,72 x 162, mm)
Weight	1.9 oz (56 g)
Frame Color	Red or Black
Earpieces Color	Black

