

# RefleX SuperXpander

LDK 4475

The newly designed RefleX SuperXpander is the perfect match for our LDK HD cameras using our unique 3G transmission system and turns a comfortable shoulder camera quickly and easily into a full-featured studio camera.



Grass Valley™ broadcast products offer production professionals the most comprehensive multi-format solutions for acquisition, production, storage, and playback, as well as a strong foundation for centralized, proactive status and activity monitoring. The Grass Valley RefleX SuperXpander is such a solution. Compatible with the latest 3G camera transmission family, it supports box-type lenses, teleprompters, and high-resolution viewfinders.

For sports and events coverage, the use of large zoom lenses is a common requirement. The RefleX SuperXpander acts as a large lens adapter, rapidly converting a portable camera into a mobile production system.

The lightweight RefleX SuperXpander provides secure mounting and balancing for the largest prompter monitors. For increased simplicity, your camera can remain mounted inside the RefleX

SuperXpander housing for transport, saving rigging time and precious space, while ensuring that the camera is aligned and ready to go immediately. Alternatively, you can mount or release the camera from the housing quickly so you can switch between pedestal, box lens, and handheld applications working with an EFP style lens—even during a live program.

The RefleX SuperXpander can be used with all Grass Valley viewfinders, both flat panel and CRT, providing an unprecedented degree of freedom. The unique design of the RefleX SuperXpander system puts even a large viewfinder close to the optical axis of the camera, making camera movements and positioning more intuitive for the operator to ensure that the shot is right every time.

The new hot shoe connector between the camera and the RefleX SuperXpander provides all power and

signal connectivity—making it quick, convenient, and reliable, with no need for extra cabling. The hot shoe connector also makes the RefleX SuperXpander transmission system-agnostic—both 3G Fiber and 3G Triax camera systems can be used with the same SuperXpander without the need of switching modules.

For operator convenience, the RefleX SuperXpander is equipped with a functional control panel placed at the rear of the camera. All camera functions can be selected through this panel with its intuitive button layout, with three of the buttons assignable by the operator. These buttons have a sophisticated backlight to improve readability in all lighting conditions and to indicate the status of the buttons.

Two utility power connectors are provided to drive external equipment. Each connector (XLR-4 female) is rated at 13.8V/8 amps.

## KEY FEATURES

- Transmission system-agnostic
- Supports 3G transmission products
- Improved rapid mounting of camera and box lens
- Direct connection of viewfinder to the camera
- Rock-solid configuration for all sizes of large lenses
- Convenient camera control panel at the rear
- Three assignable control buttons
- Mounting and balancing available for all prompter monitors
- Two fixed utility output connectors: total 13.8V@8A

**Reflex SuperXpander – Compact and Lightweight**



**Reflex SuperXpander – Fast and Easy Docking**



**Reflex SuperXpander Control Panel**



**SPECIFICATIONS**

**Dimensions (L x W x H):** 526 x 287 x 347 mm (20.7 x 11.3 x 13.7 in.)

**Weight (approx.):** 8.5 kg (18.7 lbs.)

**Operating temperatures:** 0°C to +45°C (32°F to +113°F)

**Storage temperatures:** -20°C to +60°C (-4°F to +140°F)

**Power supply:** supplied by the base station

**Power consumption:** 250 VA max. fully equipped (supplied by the base station)

**Utility power outputs:** 2 X 13.8 VDC XLR-4 female connector, 110 W max. (combined)

**Lens interface:** 36-pin Centronics female connector

**ORDERING INFORMATION**

Please contact your authorized Grass Valley representative.

[www.grassvalley.com/sales](http://www.grassvalley.com/sales)

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Our customer support and professional services offerings ensure optimal system performance and maximize uptime. These services include call centers staffed around the clock, commissioning, professional training courses, and technical maintenance programs and service agreements.

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