

# Abekas

# MIRA EXPRESS



## Rock Solid Replay

**ROSS**  
LIVING LIVE!

# Proven Performance, Relentless Reliability

## Professional Broadcast Replay.

Born from the Abekas® Mira Replay system, Mira Express is the ultimate solution for taking your fast-paced sport productions to a new level with awesome replay capability. Mira Express is built upon a rock solid real-time server platform that won't let you down.

Mira Express is a fully-featured replay server that records video and audio from four cameras onto removable SSD media, with slow-motion replay from two PGM channels. In the heat of the action, replays are clipped off and playlists are built from the same industry-leading replay control surface and intuitive user interface of the premium Abekas Mira Replay system.

The best part? Mira Express offers an incredible value that places this complete replay system in a class of its own.

## Beauty in Simplicity.

Mira replay systems are designed for demanding productions where reliability and responsiveness cannot be compromised—Mira Express is no exception. With the combination of the Mira Control Surface and Mira Replay user interface, you can quickly create and save clips, search the clip library, manage highlights playlists, and take live replays to air. Mira Control Surface permits you to smoothly control slow-motion play speed on-air; reverse playback instantly and revert back to the original play direction—all with the push of a button.

Anyone can become an expert, as both novice and veteran replay operators will quickly master Mira Express operations—in most cases, after just a few hours of training. Once you get your hands on a Mira Control Surface, nothing else will suffice.

### Convenience is Key.

Dual plug-and-play SSD drives mean you can readily move clips from show-to-show. Each of these drives fulfill a different role:

**Events:** Replay operation is the art of not only showing replays but highlighting the event. All the replay clips and highlights are found on the Event drive, simply unplug it and take it with you.

**Clips:** This drive handles your “evergreen” clips, load it up with all your pre-packaged footage and set the stage for tonight's match-up.

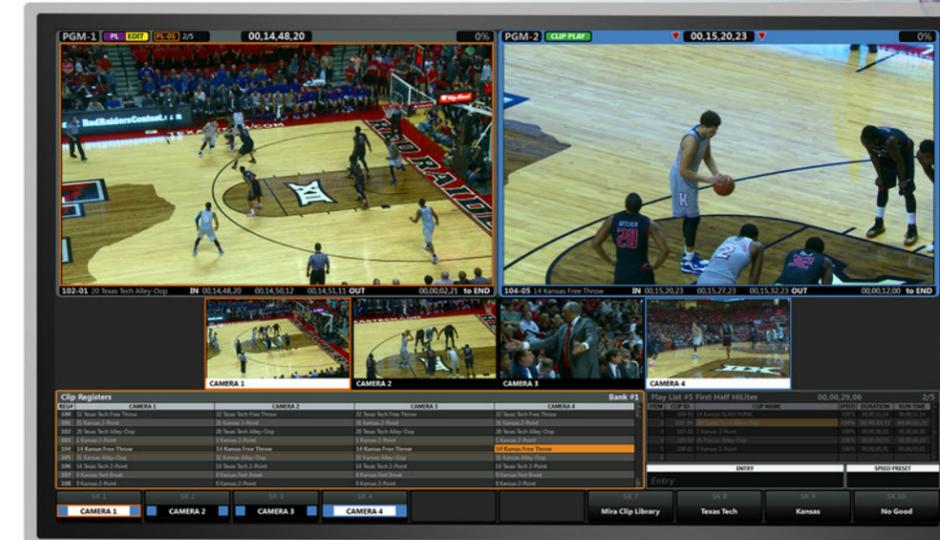
## Every Single Feature You Need.

Mira Express comes equipped with a superb set of primary features for a fully-realized live replay workflow:

- 4-IN/2-OUT channel configuration
- PGM+PGM and PVW+PGM playout channels operations
- Variable-speed slow motion replay
- Integrated Media File Import and Export tools
- Clips and Playlist media file export into multiple destinations at any time
- 1080i, 720p and SD video formats using DVCProHD video codec
- 8-track AES and Embedded Audio I/O
- Built-in input/output Audio Router
- Built-in control over external Video Routers
- Built-in count-down display on HD-SDI output
- Two removable SSD drives: one for replay clips; the other for “evergreen” clips
- Dual-redundant, hot-swap power supplies
- DashBoard and Mira Ethernet API freely available to program custom control interfaces
- Robust, compact 2RU server chassis

## Never Surrenders.

You can always rely on Mira Express, this replay system is structured upon robust Abekas real-time core video engines—which operate independently from the replay software application.



# Abekas



Ross Video has a complete range of technical services available to ensure that your Abekas Mira Express installation is a success.

**Operational Training** can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system, and enhance your productions.

**Commissioning** is a service to help get your Abekas Mira Express system properly configured, connected and installed. This service is performed by factory trained Ross technical staff.

**Technical Training** can be provided at Ross Video, on-site or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

Abekas Mira Express comes standard with a 1 year comprehensive warranty. **Extended Warranties** on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – **Included for the life of your system.**

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### SERVICES

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