



DEPLOYABLE COMMAND **DC2E**™ CONTROL EQUIPMENT

First introduced in 2005, the Deployable Rapid Assembly Shelter (DRASH) Deployable Command and Control Equipment (DC2E) was developed to solve the information management problems facing the 21st century military operator. The DC2E provides lightweight, portable communications technology by fusing multiple feeds of information onto single or multiple displays. Special features include a touch panel control, high resolution image display, diskless drive and 24/7 operating capabilities.

DC2E PROJECTOR SYSTEM

- DLP Projector, sealed optics system; native 1400 x 1050 resolution designed for 24/7 operations.
- 7500-hour maintenance kit.
- Environmental control for both projector and A/V system.
- Lightweight 2.5cm square tube aluminium frame with locking hinge points.
- Long lamp life; multi-voltage; low weight; low noise.
- Cantilevered projector mounting arm.
- Multiple, interconnectable projection screens.
- Integrated mounting points for shelter loudspeakers allow for high quality audio.
- Includes weather resistant cases with wheels for easy transport.

MEDIUM SCREEN DISPLAY

- 2000/2500-hour lamp life. Multi-voltage 2500 ANSI Lumens, 4 kg low weight, 28 dB(A) low noise.
- Diagonal viewing area is 1.2m x 1.5m over 1.85m.
- Total packed weight of 52.2kg.

DC2E J SERIES LARGE SCREEN DISPLAY

Designed to fit into a large Deployable Rapid Assembly Shelter (DRASH), the DC2E Large Screen Display system features three DLP projectors that project on to 3 separate large, diagonal viewing areas. Its unique configuration allows it to be set up nearly 1.5m above the floor allowing for ease of viewing from the back of the Tactical Operation Centre. The Large Screen Display system is available as a **Front Projection Screen Display** system, a **Rear Projection Screen Display** system and as a **Transformer Projection Screen Display** system that can be configured as either a Front or Rear display. Both the Front and Rear systems pack down into 3 cases while the Transformer system packs down into 4 cases. Set up time for all 3 systems is less than 30 minutes with four people and requires no special tools. 2000/2500 hour lamp life, multi-voltage 3100 ANSI lumens weighs only 9 lbs and has a low noise level of only 28 dB(A).

Screen Measurements:

- Front System measures 1.7m x 5.8m to allow for three separate 1.4m x 1.8m x 2.3m diagonal viewing areas.
- Rear System measures 1.2m x 4.6m to allow for three separate 1.2m x 1.5m x 1.9m areas.
- Screen for Transformer system allows for three separate viewing areas of 1.4m x 1.8m x 2.3m for the Front configuration and 1.1m x 1.5m x 1.9m for the Rear configuration.

Packed Weight:

- Total packed weight of Front system is 223kg. Total packed weight of Rear system is 215kg. The Transformer System weighs 471kg.

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MICROPHONE SYSTEM

- Includes 9 Delegate Stations, One Chairman Station and One Control Unit.
- Participants may easily follow and take part in a discussion through a table top station loudspeaker and a station microphone.
- The Chairman's Station allows the operator to take over the conference session with a push of a button.
- Control unit can handle up to 25 stations per line equalling a total of 50 stations.
- Includes 2 weather resistant cases with wheels for easy transport with a total weight of 29.2kg.



DC2E AUDIO-VISUAL SYSTEMS

The DC2E's Audio-Visual System comes in 4 different configurations: Mini, Small, Medium and Large. The following features are available for all configurations:

- All components are diskless. (No hard drives; no corruption due to power failure).
- Combines multiple real time video and computer inputs onto one display.
- POTS Line connects to standard analogue phone line for audio conferencing.
- Display processor combines 4, 6 or 12 real time video and computer inputs in Windows onto one display. These windows can be scaled up to a full screen. Capable of accepting and displaying images with a resolution of up to 1600 x 1200 dpi.
- Flexible configuration of 4 inputs and 4 outputs to 32 inputs and 32 outputs in multiples of 4 in a single enclosure.
- Interface via touch panel or secure internet connection.
- Flexible input/output configuration is field upgradable and capable of routing RGBHV over CAT-5.
- Includes AC powered speakers with integrated 20 Watt amplifier for audio distribution.
- Includes moulded, weather resistant transport cases for the control system and accessories.
- Systems weigh less than 127kg, with accessory transport case less than 68kg.



Each AV System is packed into an OD green case, which contains the control system, 4 window display processor, 6 window display processor, Audio Mixer/ Matrix, Quad Video Scaler and Matrix Switcher; quantities of each depends of size of A/V system. The mini system does not contain a 6 window display processor, Quad Video Scaler and Matrix Switcher.

DC2E A/V SYSTEM COMPARISON MATRIX

| System Name | Video Inputs | | | Video Outputs | | Multi - Window | | Audio Inputs | | Audio Outputs | Touch - Panel | | Web Control | Acc. Case | Tele - Conf | Powered Speaker |
|--------------------------------------|--------------|------------|-----|---------------|------|----------------|-------|--------------|------------|---------------|---------------|-----------|-------------|-----------|-------------|-----------------|
| | HD15 (RGB) | CAT5 (RGB) | CV | HD15 | CAT5 | 4 Win | 8 Win | Mic Level | Line Level | Line Level | With Video | W/O Video | Yes/No | QTY | Yes/No | QTY |
| Large A/V System 120-240VAC 1005865 | 1 | 20 | 4* | 3 | 12 | 4 | 0 | 4 | 4 | 4 | 1 | 0 | Yes | 2 | Yes | 2 |
| Medium A/V System 120-240VAC 1005216 | 1 | 12 | 4* | 3 | 4 | 3 | 0 | 4 | 4 | 4 | 1 | 0 | Yes | 1 | Yes | 2 |
| Small A/V System 120-240VAC 1005218 | 1 | 8 | 2* | 3 | 4 | 2 | 0 | 3 | 4 | 4 | 1 | 0 | Yes | 1 | Yes | 2 |
| Mini A/V System 120-240VAC 1005124 | 4 | 0 | 4** | 1 | 0 | 0 | 1 | 2 | 2 | 2 | 0 | 1 | Yes | 1 | Yes | 1 |

* CV will auto-detect composite video (PAL / NTSC)
 ** CV will auto-detect HD / SD-SDI / composite video (PAL / NTSC)