

# altra mk2

## multi formats sd/hd/2k film digitisation

The sondor ALTRA is a cost-effective and easy to operate datacine that can be used in a range of applications - including archival transfer, short features, documentaries and commercial post production, dailies, as well as in the dubbing studio.

The optional OCEAN controller provides one light, best light and scene by scene transfers with automatic or manual scene detection, turning the ALTRA into a complete telecine suite for file and tape based workflows.

### key features

- SD and HD/2k version, upgradeable
- Real-time transfer to video and file with superior steadiness
- Supports 2, 3 and 4-perf 35mm formats, Standard and Super 16 mm
- Negatives, intermediates, prints; colour and black&white stock
- Safe continuous motion film transport with variable scanning speeds and visible search
- Soundtrack reader covering all formats
- Accepts shrunk and warped archive stock
- Supports Keycode reader and PTR rollers
- Lowest operating and maintenance cost





- Diffused flashing RGB LED light source
- image stabilisation through perforation detection
- Zoom function between Academy and full-frame format
- Motorised and software assisted focusing
- Anamorphic compensation
- No wear, drift or degrading
- Archive controls for track position and azimuth on optical sound heads (optional)



#### OCEAN controller

- One-light, best-light and scene-by-scene
- Automatic scene detection
- Control of all Telecine functions
- Per shot pan&scan
- HD-SDI or file output as dpx, tiff, QuickTime etc

## specifications

### TRANSPORT

|                  |   |
|------------------|---|
| Film Format:     | 16 mm, 35 mm or 16/35 mm<br>4-perf/3-perf/2-perf (35mm)   |
| Capacity:        | 2'100ft / 640m on cores   |
| Speed:           | 24/25 fps playspeed<br>0-250 fps forward/reverse shuttle speed  |
| Run-up time:     | <1sec.  |
| Sync. modes:     | Biphase in/out (1, 2, 10 pulse per frame)<br>RS422, Sony 9-pin device<br>crystal / genlock (tri-level sync) |
| Machine Control: | serial 9-pin (Sony)<br>LTC (optional)   |
| Light source:    | flashing RGB LED array<br>variable intensity  |
| Dimensions:      | 1880x570x630mm  |
| Weight:          | 110kg   |
| Mains:           | 110V-240VAC, 50/60Hz, 300VA max.  |

### AUDIO (optional)

|                 |   |
|-----------------|---|
| 35 mm:          | stereo reverse-scan, red LED<br>mono single track, tungsten<br>Dolby Digital reader for DA20/CP650<br>DTS timecode reader |
| 16 mm:          | mono reverse-scan, red LED<br>magnetic edge-track   |
| Audio Pre-amps: | AES/EBU and balanced line level out   |

### IMAGE SENSORS:

|                |                    |
|----------------|--------------------|
| Format:        | 2/3" CMOS 16:9     |
| SD resolution: | 720 x 576 pixels   |
| HD resolution: | 1920 x 1080 pixels |
| Quantisation:  | 12 bit             |
| S/N:           | 60dB               |

### OUTPUT SIGNALS:

|                 |   |
|-----------------|---|
| SD version:     | SDI*, Component and Composit<br>625i/525i 50/60   |
| HD version:     | HD-SDI single-link 1080 24/25PsF,<br>1080i 50/60<br>HD-SDI dual-link 1080p 50/60<br>RGB HV progressive or YUV interlaced<br>SDI*, Composite 625i/525i 50/60<br>12 bit RAW real-time data output<br>through OCEAN (optional) |
| 2K file output: |   |

### REMOTE CONTROLS (optional)

|                      |  |
|----------------------|--|
| Remote Control:      | - 9.5"/4U machine control panel<br>- Mac/Win HID driver and mapping<br>application for Tangent Wave Panel<br>(Telecine Set-up / Machine Control)<br>- Windows based image set-up app |
| Telecine Controller: | Marquise Technologies OCEAN  |