

ORBITING KIT

For BARCO Large Screen CRT Projectors

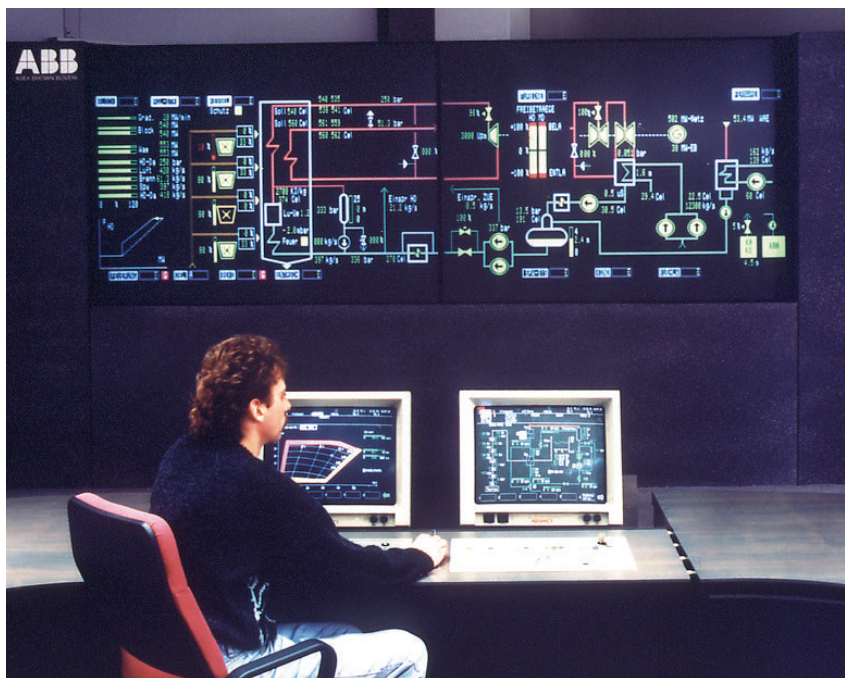
Static pictures are very often shown on large screen projectors, especially in process control, public address information boards and presentation applications.

Due to the fact that the same picture information is shown for a long period in the same spot, picture tubes can be damaged by burn-in of the static image on the CRT phosphor surface.

System Concept

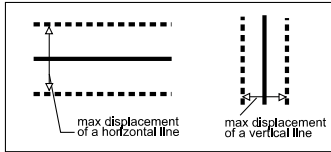
A typical process control application is shown in the photograph below. To prolong the life-time of picture tubes, BARCO has designed a special Orbiting circuitry which moves the picture very slowly around a predefined screen area.

- The Orbiting circuitry has been designed using a very long cycle time to make the actual movement of the projected image imperceptible to the operator
- The Orbiting circuitry can be used for stand-alone projector applications or where several projectors are linked together to form one picture
- This Orbiting circuitry is compatible with all current model CRT projectors from BARCO

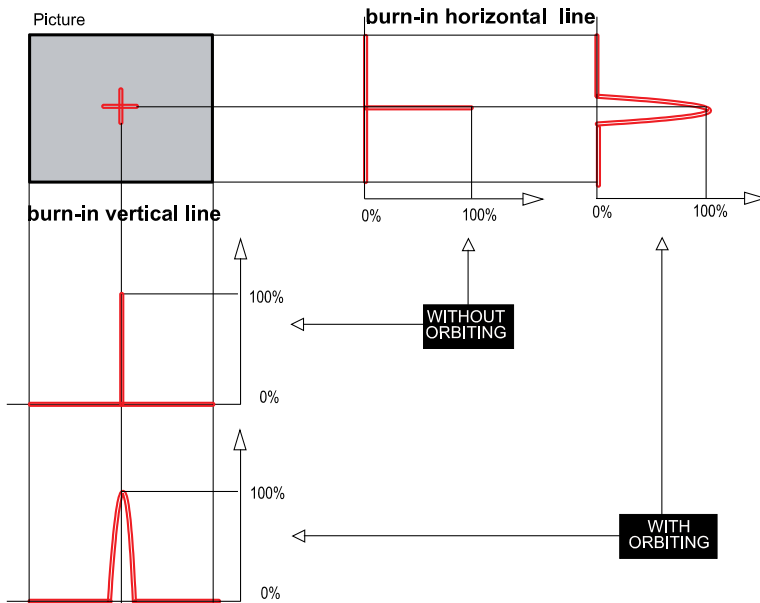


Technical Specifications

Basic Concept



Displacement of a line after one orbit cycle

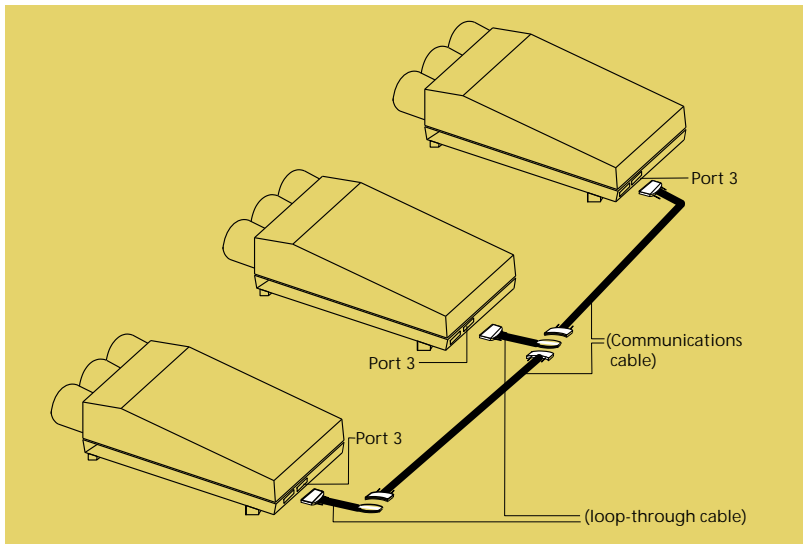


Special Features

- Helps to reduce CRT burn-in
- Complete cycle time of 10 minutes (running mode)
- Adjustable deviation
- Can be linked to other projectors by using the signal transfer module (delivered with the orbiting kit). This module takes the place of the input module on port 3; source 3 (second RGB analog input) is no longer available (not applicable to the 708 Series)
- The orbiting module is mounted on the vertical deflection board
- The Loop-through cable is included in the kit

Order Information

Factory fitted Add-In Board	
Orbiting	Orb
Factory fitted Add-In Board	
Linked Orbiting	Lorb
Orbiting Kit	R9827781
Communication Cables (D9-pin Male/Female)	
- 16 ft. / 5 m	R9827770
- 50 ft. / 15 m	R9827560
- 100 ft. / 30 m	R9827570



BARCO Projection Systems is an ISO 9001 registered company.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.



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