

## 1

## getting started

This Quick Start Guide has been designed to aid in quickly getting started with using your new projector. If you require further help, or have further questions on the detail in how to operate this unit, please refer to our web site at [userguides.projectiondesign.com](http://userguides.projectiondesign.com), in order to download full product documentation. You can also access FAQs, and download detailed white papers in order to get to know the more specific product features and benefits.

Packaging contents:



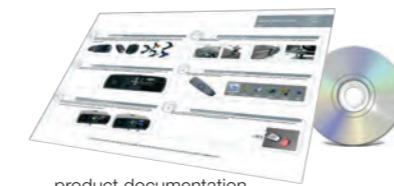
projector unit



remote control



power cable



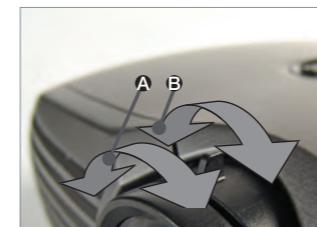
product documentation

\* The lens type on your projector may deviate from the pictures

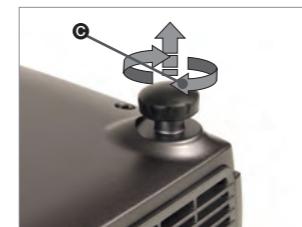
## 4

## adjust projector settings

Adjust zoom to set correct image size, focus for image sharpness, and other desired settings, such as lens shift, tilt, and keystone. Adjust image level with the rear feet, and tilt with the front foot.



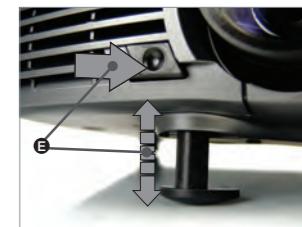
A: Focus B: Zoom



C: Adjustable rear foot



D: Lens shift



E: Adjustable front foot

## 2

## get to know the connector panel

The projector features connectors for a wide variety of sources, both digital and analogue, including HDMI 1.3, DVI-D and DVI-A, VGA, and component, S- and composite video, in addition to network, USB and RS232 control options, as well as a remote 12V trigger and wired remote control input:



## 5

## adjust image and system settings

Change and adjust settings such as brightness and contrast, ceiling mount and rear projection settings, as well as colour calibration and other system settings by using the remote control or through the menu system.



## 3

## connect sources, connect power, power on

Make sure the projector is switched off, and not connected to power when connecting sources. Connect video and computer sources, then insert the power cable. Power up sources, including computers and video playback devices. Power up the projector by pressing the power key (P). A steady, bright indicator light will indicate that it is in operation. CAUTION! Connecting sources to a powered projector may result in product failure. It is recommended that the power cable connector (projector-end) or the mains power socket are accessible whilst the product is in use to enable mains power to be disconnected or switched off when connecting source devices. This should be considered during product installation.



## 6

## power off and allow to cool down

To power off, press the power (P) key once, and confirm by pressing again. Allow to cool down until all fans have stopped (a minimum of 30 seconds), and a steady amber indicator light indicates the projector has been safely turned off. Disconnect any cables, sources and power cables before packing the projector.

**The cabinet colour may differ from the one shown in the pictures**

When referring to the term F22 in this document, it means that the content is applicable for the following Barco products:

- F22 1080
- F22 WUXGA
- F22 SXGA+

>30 s



This device complies with safety regulations for Information Technology Equipment intended to operate in "normal" environments (offices and homes). Before using the projector for the first time, please read the safety instructions thoroughly.

## WARNING

Use only the cables and cords supplied with the projector or original replacement cables. Using other cables or cords may lead to malfunction and permanent damage of the unit.

Always use 3-prong / grounded power cord to ensure proper grounding of the unit. Never use 2-prong power cords, as this is dangerous and could lead to electrical shock.

Never open the unit. The projector contains no user serviceable parts. Refer all repairs to qualified personnel only. Make sure that no objects enter into the vents and openings of the vent.

Do not spill any liquids on the projector or into the vents or openings of the unit.

Always remove lens cap before switching on the projector. If the lens cap is not removed, it may melt due to the high energy light emitted through the lens. Melting the lens cap may permanently damage the surface of the projection lens.

Do not look into the projection lens when the projector is switched on. The strong light may permanently damage sight. Do not look into the laser beam when activated on the remote control. Laser light may permanently damage sight.

Do not point laser beam at people or animals.

Only place the projector on a stable surface, or mount it securely using an approved ceiling-mount.

Do not drop the projector.

Always operate the projector horizontally, within the range of the adjustable rear feet. Operating the unit in other positions may reduce lamp life significantly, and may lead to overheating, resulting in malfunctioning.

Always allow ample airflow through the projector. Never block any of the air vents. Never cover the unit in any way while running. Allow for sufficient distance to walls and ceilings to avoid overheating.

Minimum safety distance to any side of the unit is 50 cm / 20" in any direction.

CAUTION! Hot air is exhausted from the rear vent. Do not place objects that are sensitive to heat nearer than 50 cm / 20" to the exhaust vent.

The projector is designed for indoor use only. Never operate the unit outdoors.

Do not operate the projector outside its temperature and humidity specifications, as this may result in overheating and malfunctioning.

Only connect the projector to signal sources and voltages as described in the technical specification. Connecting to unspecified signal sources or voltages may lead to malfunction and permanent damage of the unit.

Allow the unit to cool down for 60 minutes before lamp change. Refer to user's guide.

## INFORMATION AND WARNING ABOUT POTENTIAL HEALTH ISSUES RELATED TO MERCURY VAPOR.

This projector uses a very powerful UHP™ lamp for illumination to produce an extremely bright image.

This technology is similar to other high-pressure discharge lamps that are extensively used in cars, street lights and other lighting appliances today. These lamps, like fluorescent lighting, contain small amounts of mercury. The amount of mercury present in a lamp is far below the limits of danger set by the authorities. It is very important that lamps containing mercury are treated properly to minimize potential health hazards.

The UHP™ lamp, like any other high brightness projector lamp, is under high-pressure when operating. While the lamp and the projector are carefully designed to minimize the probability of lamp rupture, the lamp may break while operating and small amounts of mercury vapor may be emitted from the projector. The probability of rupture increases when the lamp reaches its nominal life. It is therefore highly recommended that the lamp is replaced when the rated lifetime is reached.

As a general precaution, secure good ventilation in the room when operating the projector. If lamp rupture occurs, evacuate the room and secure good ventilation. Children and pregnant women in particular should leave the room.

When replacing a worn lamp, dispose of the used lamp carefully by proper recycling. Mercury is a naturally occurring, stable metallic element that may pose a safety risk to people under certain conditions. According to the Public Health Statement for Mercury published by the Agency for Toxic Substances and Disease Registry (ATSDR, part of the United States Public Health Service), the brain, central nervous system and kidneys are sensitive to the effects of mercury, and permanent damage can occur at sufficiently high levels of exposure. Acute exposure to high concentrations of mercury vapor can cause conditions such as lung and airway irritation, tightness in the chest, a burning sensation in the lungs, coughing, nausea, vomiting and diarrhea. Children and fetuses are particularly sensitive to the harmful effects of metallic mercury to the nervous system.

Seek medical attention if any of the above symptoms are experienced or if other unusual conditions are experienced following lamp rupture.

## WEEE INFORMATION

This product conforms to all requirements of the EU Directive on waste electrical and electronic equipment (WEEE). This product shall be recycled properly. It can be disassembled to facilitate proper recycling of its individual parts.

This product is using projection lamps that shall be recycled properly. Consult your dealer or relevant public authority regarding drop-off points for collection of WEEE.

## WARNING

This product contains chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm. Recycle properly, do not dispose of in ordinary waste!

## SERVICE PERSONNEL INFORMATION

Cette appareil est conforme à tous les exigences de la directive européenne sur les déchets d'équipements électriques et électroniques (WEEE). Ce produit doit être recyclé correctement. Il peut être démonté pour faciliter le recyclage de ses parties individuelles.

Ce produit utilise des lampes de projection qui doivent être recyclées correctement. Consultez votre revendeur ou les autorités publiques compétentes concernant les points de collecte WEEE.

## REMOTE CONTROL WARNING

Laser radiation class II product; wavelength 670nm; maximum output 1mW.

Remote control complies with applicable requirements of 21 CFR 1040.10 and 1040.11.

Remote control complies with applicable requirements of EN/IEC 60825 - 1/2007.

## WARNING SYMBOLS

READ USER GUIDE Attention! Read the user guide for further information!

DANGEROUS VOLTAGE Danger! High voltage inside the product!

HOT Warning! Hot surfaces!

WAIT Warning! Wait until cooled down!

MERCURY Warning! Lamp contains mercury! Recycle properly, do not dispose of in ordinary waste!

UV Warning! UV radiation inside the product!

RECYCLE Warning! Recycle properly, do not dispose of in ordinary waste!

NO TELEPHONE Warning! Do not connect to telephone lines!



Use UV radiation eye and skin protection during servicing.



Searchen Sie einen Arzt auf, wenn eines der o.g. Symptome auftaucht oder andere ungewöhnliche Zustände nach Bersten einer Lampe eintreten.

WEEE-ANGABEN

Dieses Produkt erfüllt alle Auflagen aus der EU-Richtlinie für Elektro- und Elektronik-Alterate (WEEE). Dieses Produkt kann sachgemäß recycelt werden. Es kann zerlegt werden, um die Einzelteile ordnungsgemäß zu recyceln. Dieses Produkt verwendet Projektorenlampen, die sachgemäß recycelt werden müssen. Fragen Sie Ihren Händler oder die zuständigen Behörden nach Entsorgungsstellen für Elektro- und Elektronik-Alterate.

WARENNG

Dieses Produkt kann Chemikalien, wie z. B. Blei, enthalten, von denen im Staat Kalifornien bekannt ist, dass sie angeborene Schäden oder andere Fortpflanzungsschäden verursachen. Sachgemäß recyceln und nicht mit dem gewöhnlichen Abfall entsorgen!

INFORMATION FÜR DAS WARTUNGSPERSONAL

Appareil de classe II à radiation laser, longueur d'onde 670 nm; sortie maximale 1mW.

La Fernbedienung erfüllt die zutreffenden Auflagen der Normen 21 CFR 1040.10 und 1040.11.

Die Fernbedienung erfüllt die zutreffenden Auflagen der EN/IEC 60825 - 1/2007.

INFORMATION POUR LE PERSONNEL D'ENTRETIEN

MISE EN GARDE

Cet appareil contient des produits chimiques, câble compris, connus de l'Etat de Californie pour entraîner des malformations ou des maux reproductifs. Recyclez correctement ; ne les jetez pas dans une déchetterie quelconque!

INFORMATION ZUR FERNBEDIENUNG

Produkt mit Laserstrahlung der Klasse II; Wellenlänge 670 nm; maximale Leistungsgabage 1 mW;

Die Fernbedienung erfüllt die zutreffenden Auflagen der Normen 21 CFR 1040.10 und 1040.11.

Die Fernbedienung erfüllt die zutreffenden Auflagen der EN/IEC 60825 - 1/2007.

SYMBOLES D'AVERTISSEMENT

LISEZ LE GUIDE D'UTILISATION Attention! Lisez le guide d'utilisation pour plus d'informations!

VOLTAGE DANGEREUX Danger! Voltage élevé dans l'appareil!

CHAUD Avertissement Surfaces chaudes!

ATTENDEZ Avertissement Attendez jusqu'au refroidissement!

MERCURE Avertissement La lampe contient du mercure! Recyclez correctement, n'éliminez pas dans une déchetterie quelconque!

UV Avertissement Radiation UV à l'intérieur de l'appareil!

RECYCLEZ Avertissement Recyclez correctement, ne les jetez pas dans une déchetterie quelconque!

UV Avertissement UV Strahlung im Inneren des Geräts!

RECYCLEN Avertissement! Sachgemäß recyceln und nicht mit dem gewöhnlichen Abfall entsorgen!

KEIN TELEFON Avertissement! Nicht an Telefonleitungen anschließen!

