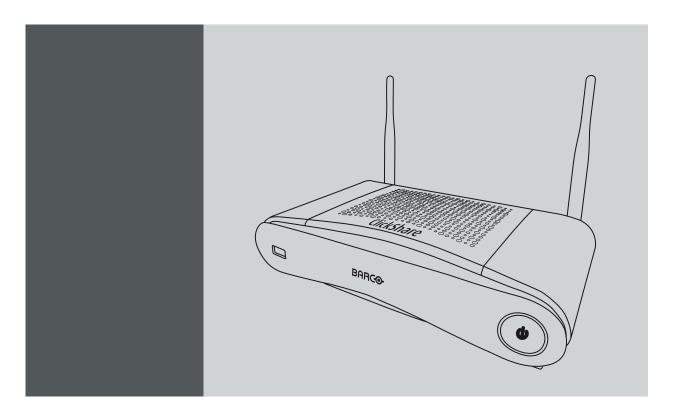
ClickShare CSE-200



User guide



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The Software can be used upon purchase from, and subject to payment of the relating purchase price to, a Barco authorized distributor or reseller of the ClickShare base unit and button or download of the authorized ClickShare applications (each a "Barco ClickShare Product").

• Term

The Software can be used under the terms of this EULA from the date of first use of the Barco ClickShare Product, for as long as you operate such Barco ClickShare Product.

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Higher maintenance and support levels can be obtained at the moment of product sale or during the Barco ClickShare Product and/or Software warranty term.

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gst1-libav http://gstreamer.freedesktop.org/src/gst-libav

gst1-plugins-bad https://gstreamer.freedesktop.org/src/gst-plugins-bad gst1-plugins-base https://gstreamer.freedesktop.org/src/gst-plugins-base gst1-plugins-good https://gstreamer.freedesktop.org/src/gst-plugins-good

gstreamer1 https://gstreamer.freedesktop.org/src/gstreamer

hostapd http://w1.fi/releases

http://hisham.hm/htop/releases/2.0.2

i2c-tools git://git.kernel.org/pub/scm/utils/i2c-tools/i2c-tools.git imxbootlet http://download.ossystems.com.br/bsp/freescale/source imx-codec http://www.freescale.com/lgfiles/NMG/MAD/YOCTO http://www.freescale.com/lgfiles/NMG/MAD/YOCTO imx-gpu-viv http://www.freescale.com/lgfiles/NMG/MAD/YOCTO imx-lib imx-parser http://www.freescale.com/lgfiles/NMG/MAD/YOCTO imx-vpu http://www.freescale.com/lgfiles/NMG/MAD/YOCTO imx-vpuwrap http://www.freescale.com/lgfiles/NMG/MAD/YOCTO

input-event-daemon https://github.com/gandro/input-event-daemon/archive/v0.1.3

iperf http://downloads.sourceforge.net/project/iperf2

iptables http://ftp.netfilter.org/pub/iptables

iw https://cdn.kernel.org/pub/software/network/iw

jpeg-turbo http://downloads.sourceforge.net/project/libjpeg-turbo/1.5.1 json-c https://github.com/json-c/json-c/archive/json-c-0.12-20140410

kmod https://cdn.kernel.org/pub/linux/utils/kernel/kmod

lame http://downloads.sourceforge.net/project/lame/lame/3.100

 libarchive
 http://www.libarchive.org/downloads

 libassuan
 ftp://ftp.gnupg.org/gcrypt/libassuan

 libbsd
 http://libbsd.freedesktop.org/releases

libcap https://www.kernel.org/pub/linux/libs/security/linux-privs/libcap2

libconfig http://www.hyperrealm.com/libconfig

libcurl https://curl.haxx.se/download

libdaemon http://0pointer.de/lennart/projects/libdaemon

libdri2 https://github.com/robclark/libdri2/archive/4f1eef3183df2b270c3d5cbef07343ee5127a6a4

libdrm http://dri.freedesktop.org/libdrm libedit http://www.thrysoee.dk/editline

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libestr http://libestr.adiscon.com/files/download

libev http://dist.schmorp.de/libev/Attic

libevdev http://www.freedesktop.org/software/libevdev

libevent https://github.com/libevent/releases/download/release-2.1.8-stable

libfastjson https://github.com/rsyslog/libfastjson/archive/v0.99.4

libffi ftp://sourceware.org/pub/libffi

libftdi http://www.intra2net.com/en/developer/libftdi/download

libgcrypt https://gnupg.org/ftp/gcrypt/libgcrypt

libglib2 http://ftp.gnome.org/pub/gnome/sources/glib/2.50 libglu http://cgit.freedesktop.org/mesa/glu/snapshot

libgpg-error ftp://ftp.gnupg.org/gcrypt/libgpg-error

libical https://github.com/libical/libical/releases/download/v1.0.1

libid3tag http://downloads.sourceforge.net/project/mad/libid3tag/0.15.1b

libimxvpuapi https://github.com/Freescale/libimxvpuapi/archive/0.10.3

libinput http://www.freedesktop.org/software/libinput

libjpeg http://www.ijg.org/files

libksba ftp://ftp.gnupg.org/gcrypt/libksba

liblogging http://download.rsyslog.com/liblogging

libmad http://downloads.sourceforge.net/project/mad/libmad/0.15.1b

libmpeg2 http://libmpeg2.sourceforge.net/files

libnl https://github.com/thom311/libnl/releases/download/libnl3 2 27

libogg http://downloads.xiph.org/releases/ogg

libpciaccess http://xorg.freedesktop.org/releases/individual/lib

libpng http://downloads.sourceforge.net/project/libpng/libpng16/1.6.28

libpthread-stubs http://xcb.freedesktop.org/dist

libpthsem http://www.auto.tuwien.ac.at/~mkoegler/pth

libqrencode http://fukuchi.org/works/qrencode

libresample ftp://ftp.ubuntu.com/ubuntu/pool/universe/libr/libresample

libsamplerate http://www.mega-nerd.com/SRC

libselinux https://raw.githubusercontent.com/wiki/SELinuxProject/selinux/files/releases/20161014 libsepol https://raw.githubusercontent.com/wiki/SELinuxProject/selinux/files/releases/20161014

libsha1 https://github.com/dottedmag/libsha1/archive/0.3

libsndfile http://www.mega-nerd.com/libsndfile/files

libtool http://ftpmirror.gnu.org/libtool

libusb https://github.com/libusb/releases/download/v1.0.20

libusb-compat http://downloads.sourceforge.net/project/libusb/libusb-compat-0.1/libusb-compat-0.1.5

libv4l http://linuxtv.org/downloads/v4l-utils

libva http://www.freedesktop.org/software/vaapi/releases/libva

libvdpau http://people.freedesktop.org/~aplattner/vdpau libvorbis http://downloads.xiph.org/releases/vorbis

libxcb http://xcb.freedesktop.org/dist libxkbcommon http://xkbcommon.org/download

libxml2 ftp://xmlsoft.org/libxml2

libyaml http://pyyaml.org/download/libyaml

lighttpd http://download.lighttpd.net/lighttpd/releases-1.4.x linux https://www.kernel.org/pub/linux/kernel/v4.x/

linux-firmware http://git.kernel.org/pub/scm/linux/kernel/git/firmware/linux-firmware.git

linux-pam http://linux-pam.org/library

Im-sensors http://snapshot.debian.org/archive/debian/20170208T211941Z/pool/main/l/lm-sensors

logrotate https://github.com/logrotate/logrotate/archive/3.11.0

lvm2 ftp://sources.redhat.com/pub/lvm2/releases

memtester http://pyropus.ca/software/memtester/old-versions

mesa3d ftp://ftp.freedesktop.org/pub/mesa/11.2.2

monit http://mmonit.com/monit/dist

mtd ftp://ftp.infradead.org/pub/mtd-utils
mtdev http://bitmath.org/code/mtdev
ncurses http://ftpmirror.gnu.org/ncurses

netcat http://downloads.sourceforge.net/project/netcat/netcat/0.7.1

nodejs https://nodejs.org/dist/

ntp https://www.eecis.udel.edu/~ntp/ntp_spool/ntp4/ntp-4.2

openssl http://www.openssl.org/source
openssl http://www.openssl.org/source
opkg http://git.yoctoproject.org/git/opkg

opus http://downloads.xiph.org/releases/opus opus-tools http://downloads.xiph.org/releases/opus

pciutils https://cdn.kernel.org/pub/software/utils/pciutils

pcre https://ftp.pcre.org/pub/pcre php http://www.php.net/distributions

pixman http://xorg.freedesktop.org/releases/individual/lib

popt http://rpm5.org/files/popt

procps-ng http://downloads.sourceforge.net/project/procps-ng/Production

protobuf https://github.com/google/protobuf/archive/v2.6.1
pulseaudio http://freedesktop.org/software/pulseaudio/releases

python3 http://python.org/ftp/python/3.5.2

https://pypi.python.org/pack-

python-pyyaml ages/4a/85/db5a2df477072b2902b0eb892feb37d88ac635d36245a72a6a69b23b383a

https://pypi.python.org/pack-

python-serial ages/ce/9c/694ce79a9d4a164e109aeba1a40fba23336f3b7554978553e22a5d41d54d

qt5base http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules qt5declarative http://download.qt.io/official releases/qt/5.6/5.6.3/submodules qt5imageformats http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules qt5multimedia http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules qt5quickcontrols http://download.qt.io/official releases/qt/5.6/5.6.3/submodules http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules qt5serialport qt5svg http://download.gt.io/official releases/gt/5.6/5.6.3/submodules qt5websockets http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules qt5x11extras http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules qt5xmlpatterns http://download.qt.io/official_releases/qt/5.6/5.6.3/submodules

readline http://ftpmirror.gnu.org/readline
rsync http://rsync.samba.org/ftp/rsync/src
rsyslog http://rsyslog.com/files/download/rsyslog

sazanami-fonts http://sourceforge.jp/projects/efont/downloads/10087

speex http://downloads.us.xiph.org/releases/speex

splashutils http://dev.gentoo.org/~spock/projects/gensplash/archive

sqlite http://www.sqlite.org/2017

strace http://downloads.sourceforge.net/project/strace/strace/4.15

tpm-tools http://downloads.sourceforge.net/project/trousers/tpm-tools/1.3.8 trousers http://downloads.sourceforge.net/project/trousers/trousers/0.3.13

tslib https://github.com/kergoth/tslib/releases/download/1.5 tzdata http://www.iana.org/time-zones/repository/releases

unfonts http://kldp.net/frs/download.php/1425 unzip ftp://ftp.info-zip.org/pub/infozip/src

 util-linux
 https://cdn.kernel.org/pub/linux/utils/util-linux/v2.29

 wireless_tools
 http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux

 wireless-regdb
 http://kernel.org/pub/software/network/wireless-regdb

wpa_supplicant http://w1.fi/releases

xapp_beforelight http://xorg.freedesktop.org/releases/individual/app http://xorg.freedesktop.org/releases/individual/app xapp_xauth xapp_xclock http://xorg.freedesktop.org/releases/individual/app http://xorg.freedesktop.org/releases/individual/app xapp_xinit http://xorg.freedesktop.org/releases/individual/app xapp_xinput xapp_xinput-calibrator http://github.com/downloads/tias/xinput_calibrator xapp_xkbcomp http://xorg.freedesktop.org/releases/individual/app http://xorg.freedesktop.org/releases/individual/app xapp_xrandr

xcb-protohttp://xcb.freedesktop.org/distxcb-utilhttp://xcb.freedesktop.org/distxcb-util-imagehttp://xcb.freedesktop.org/distxcb-util-keysymshttp://xcb.freedesktop.org/distxcb-util-wmhttp://xcb.freedesktop.org/dist

xdata_xbitmaps http://xorg.freedesktop.org/releases/individual/data xdriver_xf86-input-evdev http://xorg.freedesktop.org/releases/individual/driver xdriver_xf86-video-amdgpu http://xorg.freedesktop.org/releases/individual/driver xfont_encodings http://xorg.freedesktop.org/releases/individual/font xfont_font-alias http://xorg.freedesktop.org/releases/individual/font http://xorg.freedesktop.org/releases/individual/font xfont_font-cursor-misc xfont_font-misc-misc http://xorg.freedesktop.org/releases/individual/font xfont_font-util http://xorg.freedesktop.org/releases/individual/font

xkeyboard-config http://www.x.org/releases/individual/data/xkeyboard-config

xlib_libfontenc http://xorg.freedesktop.org/releases/individual/lib xlib libICE http://xorg.freedesktop.org/releases/individual/lib xlib_libSM http://xorg.freedesktop.org/releases/individual/lib xlib_libX11 http://xorg.freedesktop.org/releases/individual/lib xlib libXau http://xorg.freedesktop.org/releases/individual/lib xlib_libXaw http://xorg.freedesktop.org/releases/individual/lib xlib_libXcomposite http://xorg.freedesktop.org/releases/individual/lib xlib libXcursor http://xorg.freedesktop.org/releases/individual/lib xlib_libXdamage http://xorg.freedesktop.org/releases/individual/lib xlib_libXdmcp xlib libXext xlib_libXfixes xlib_libXfont2 xlib_libXft xlib_libXi xlib_libXinerama xlib_libxkbfile xlib_libXmu xlib_libXpm xlib_libXrandr xlib_libXrender xlib_libXres xlib_libXScrnSaver xlib_libxshmfence xlib_libXt xlib_libXv xlib_libXxf86vm xlib_xtrans xproto_bigreqsproto xproto_compositeproto xproto_damageproto xproto_dri2proto xproto_dri3proto xproto_fixesproto xproto_fontsproto xproto_glproto xproto_inputproto xproto_kbproto xproto_presentproto xproto_randrproto xproto_renderproto xproto_resourceproto xproto scrnsaverproto xproto_videoproto xproto_xcmiscproto xproto xextproto xproto_xf86bigfontproto xproto_xf86dgaproto xproto xf86driproto

xproto_xf86vidmodeproto

http://xorg.freedesktop.org/releases/individual/lib http://xorg.freedesktop.org/releases/individual/proto
 xproto_xineramaproto
 http://xorg.freedesktop.org/releases/individual/proto

 xproto_xproto
 http://xorg.freedesktop.org/releases/individual/proto

 xserver_xorg-server
 https://xorg.freedesktop.org/archive/individual/xserver

xterm http://invisible-mirror.net/archives/xterm

xutil_util-macros http://xorg.freedesktop.org/releases/individual/util

zbar https://github.com/ZBar/Zbar/archive/854a5d97059e395807091ac4d80c53f7968abb8f

zip ftp://ftp.info-zip.org/pub/infozip/src

zlib http://www.zlib.net

EN55032-CISPR32 Class B ITE (Information Technology Equipment)

This is a class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

If this equipment does cause interference to radio or television reception, the user may try to correct the interference by one or more of the following measures:

- · Re-orientation of the receiving antenna for the radio or television.
- · Relocate the equipment with respect to the receiver.
- · Plug the equipment into a different outlet so that the equipment and receiver are on different branch circuits.
- · Fasten cables connectors to the equipment by mounting screws.

Federal Communication Commission Interference Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You may also find helpful the following booklet, prepared by the FCC: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402.

Changes and Modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commissions rules.

In order to maintain compliance with FCC regulations shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio & television reception.

FCC RF Radiation Exposure Statement: This device is capable of operating in 802.11a mode. For 802.11a devices operating in the frequency range of 5.15 - 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. WIFI Access Points that are capable of allowing your device to operate in 802.11a mode (5.15 - 5.25 GHz band) are optimized for indoor use only. If your WIFI network is capable of operating in this mode, please restrict your WIFI use indoors to not violate federal regulations to protect Mobile Satellite Services.

- 1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.

 This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Base Unit FCC ID: 2AAED-R9861520

Button FCC ID (model R9861006D01): XF6-RS9110N1103
Button FCC ID (model R9861500D01): 2AAED-R9861500D01

ClickShare Button R9861500D01 has been tested and meets the FCC RF exposure guidelines. The maximum SAR value reported is 0.915W/kg.

Canada, Industry Canada (IC) Notices

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radio Frequency (RF) Exposure Information

The radiated output power of the Barco Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Barco Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

Caution: Exposure to Radio Frequency Radiation.

- 1. To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2. To comply with RSS 102 RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

Base Unit IC ID: IC: 21559-R9861580

Button IC ID (model R9861006D01): 8407A-RS9110N1103 Button IC ID (model R9861500D01): 9393B-R9861500D01

IC Antenna statement

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter 9393B-R9861520 has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Type: Dipole

Maximum Peak Gain: 2 dBi Impedance: 50 Ohm

Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil Barco est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil Barco de façon à minimiser les contacts humains lors du fonctionnement normal.

Avertissement: L'exposition aux rayonnements fréquences radio

- Pour se conformer aux exigences de conformité RF canadienne l'exposition, cet appareil et son antenne ne doivent pas être co-localisés ou fonctionnant en conjonction avec une autre antenne ou transmetteur.
- 2. Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

IC ID Unité de Base: 9393B-R9861520

IC ID Button (modèle R9861006D01): 8407A-RS9110N1103 IC ID Button (modèle R9861500D01): 9393B-R9861500D01

Déclaration d'antenne d'Industrie Canada (IC)

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent émetteur radio 9393B-R9861520 a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Type: Dipole

Gain maximum: 2 dBi Impédance: 50 Ohm

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1. INTRODUCTION

Overview

- · Versions of the product
- · About this guide
- · Symbols and fonts

1.1 Versions of the product

Regional versions

Depending on the location where you buy the CSE-200 product, the Base Unit and accessories are regionalized. By the time of release of this manual, 3 regional versions of CSE-200 are available:

- Europe & Japan
- North America
- China



The regional version of your CSE-200 cannot be changed. That means that you cannot use it in another region.

For more information on the regional variants, refer to the CSE-200 Installation Guide.

1.2 About this guide

This manual

Partnumber	Description	Level
R5900025	User Guide	User

Available System documentation

This guide is part of the documentation set describing the CSE-200 product.

Guide	Article number	
User Guide	R5900025	
Installation Guide	R5900023	
Safety Guide	R5900032	
Service Guide	R5900027	
Button Guide	R5900007	
Recycling Manual	R5900029	
API Guide	R5900018	

A printed copy of the Safety Guide and an electronic version on USB stick of the user and installation guide is included in the CSE-200 box at purchase.



Always check for the latest version of the manual on www.barco.com/clickshare Click on Visit the ClickShare product page and go to tab Downloads..



Depending on the CSE-200 version, some graphics might be different to the ones used in this manual. This however does not have any effect to the functionality.

The User Guide describes how to use your CSE-200. It also contains a basic troubleshooting part where you can search for a solution when a problem occurs.

1.3 Symbols and fonts

Symbol overview

The following icons are used in the manual:

1	Caution
4	Warning
<u>i</u>	Info, term definition. General info about the term
	Note: gives extra information about the described subject
	Tip: gives extra advice about the described subject

Font overview

- Buttons are indicated in bold, e.g. OK.
- Menu items are indicated in italic.
- Step related notes, tips, warnings or cautions are printed in *italic*.
- Procedure related notes, tips, warnings or cautions are printed in **bold** between 2 lines preceded by the corresponding icon.

2. INTRODUCTION TO CSE-200

Overview

- About the CSE-200
- · About the Base Unit
- About the Button
- · Mobile Device Support

2.1 About the CSE-200

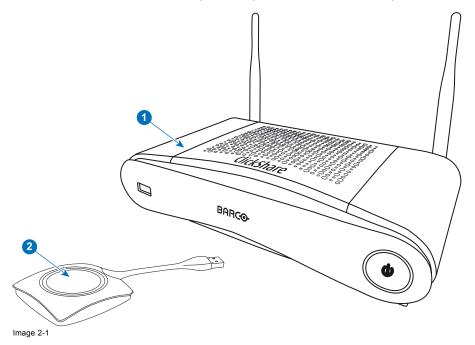
CSE-200 sets

CSE-200 makes connecting to the meeting room's video system a matter of clicking a Button. This CSE-200 not only helps the presenter get the presentation on-screen in a second, but it also allows the other people in the meeting to participate more actively. The result is enhanced meeting efficiency and better decision-making.

At the moment 3 different sets are available on the market. Each set is sold in its specific region and it can only be used in that specific region because of WiFi regulations.

Components CSE-200 set

A standard CSE-200 set consists of a Base Unit and 2 Buttons. Depending on the location where you buy the product, the software of the Base Unit is different. If needed, you can buy additional Buttons and a tray to store the Buttons.



1 Base unit

2 Button

Accessories included

Depending on the country where you buy the product, the following regionalized accessories are also included in the CSE-200 box.

Regional version	Contains	Accessories included
R9861520xx ²	R98615202x R9861500D01	 DC adapter with AC clips type A, C, G, I USB stick with user documentation 2 antennas Printed safety manual

Contact your local sales representative for the correct regional variant to be used in your country.

2.2 About the Base Unit

Base Unit functionality

The Base Unit receives the wireless input from the Buttons and controls the content of the meeting room display and the sound of the meeting room's audio system.

The Base Unit can be inside a cabinet in the meeting room, or put on the meeting room table or mounted on a wall. Check the Installation Guide for instructions on how to install the Base Unit.

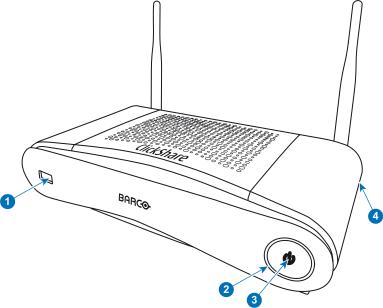


Image 2-2

1	USB port
2	Status LED ring
3	Standby Button
4	Kensington lock

Table 2-3

USB Port

The USB port is used to update the software of both the Base Unit and the Buttons.

When plugging in the Button into the Base Unit, the Button is paired to the Base Unit. The Base Unit checks whether the software and firmware of the Button is up to date. If not, the Base Unit updates the software and/or firmware.

Status LED ring

The color of the LED ring around the power button of the Base Unit give information on the status of the system.

^{2.} xx=EU, CN, NA,

LEDs behavior	Explanation
static red	 receiving content from the Buttons and streaming towards the display. pairing and software update of the Button is done. You can now unplug the Button from the Base Unit. during the first phase of the Base Unit boot process.
blinking white	 system is starting up (during the second phase) Button pairing is in progress software update of the Base Unit
breathing white	ECO standby mode
static white	 awake and ready (i.e. showing the welcome message on the display) pairing is done
red blinking	an error occurred
dark	deep standby/off

Power button

The button at the front of the Base Unit has a standby function once the Base unit is powered.

- When the system is in normal operational mode, a push makes the system goes into a pre-defined standby mode.
- When the system is in standby, a push triggers the system to start up and it goes into normal operational mode.

Bluetooth

Bluetooth functionality is currently not available and Bluetooth signal is disabled.

2.3 About the Button

Button functionality

A Button contains three main functional components.

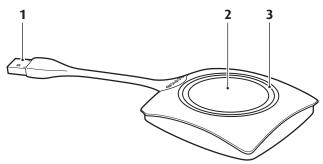


Image 2-3 The Button

1 USB connector

2 Button

3 LED ring

Table 2-5



Handle the Button cable with care. Rough handling might cause defects.

USB connector

Using the USB connector the Button can be plugged into a laptop (for sharing your screen) or in the Base Unit (for pairing the Button to the Unit or updating its software).

Button

Click the Button to display the content of the laptop's screen on the meeting room display. Clicking the Button during the meeting will toggle the sharing of the screen.

LED ring

The LED ring indicates the current status of your CSE-200.

LEDs behavior	Explanation
white blinking	 the Button is plugged in the laptop and initializing or waiting for the user to start the ClickShare application. pairing/software update of the Button in the Base Unit is in progress.
static white	ClickShare is ready to start sharing your screen.pairing is done. You can now unplug the Button from the Base Unit.
static red	 sharing your screen with the display. pairing and software update is done. You can now unplug the Button from the Base Unit.
red blinking	an error occurred.
off (no light)	 the Button is not or not properly inserted into the USB port. the Button might be defective. the USB port or computer might be defective.

2.4 Mobile Device Support

Overview

The below list of Apps are supported by ClickShare and can be installed on your mobile device from Google Play or Apple App Store.

Before you can use your mobile device with ClickShare, you have to connect the mobile device Wi-Fi with the ClickShare Base Unit Wi-Fi. Follow the instructions as given in your mobile device user guide.

Арр	Used on	Logo
ClickShare App	iOS	
	Android	

3. GETTING STARTED

Overview

- · Activating the base unit
- Basic Use
- User Interface
- · Capture more
- · Shared desktop: primary extended
- · Audio configuration
- Pairing

3.1 Activating the base unit

About power mode

The Base Unit is powered via an external power adapter. Once connected, the Base Unit is automatically switched in standby mode. For more information about power connection, see CSE-200's installation manual.

Standby button

1. Push the button shortly.

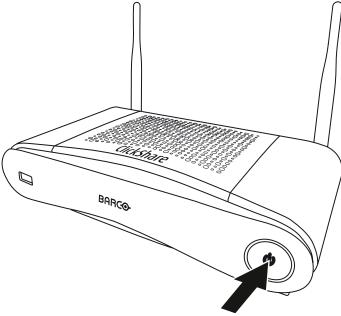


Image 3-1 Standby button

When the Base Unit was on, it goes to standby

When the Base Unit was in standby, it starts up.

3.2 Basic Use

Basic functionality

When entering a meeting room equipped with ClickShare and if the display is not in screensaver mode, the ClickShare wallpaper is shown on the display. The content of the wallpaper depends on the setup.

Starting to use ClickShare is now very simple.

To start using ClickShare

1. Take a Button and Insert the Button into a USB port of your laptop.

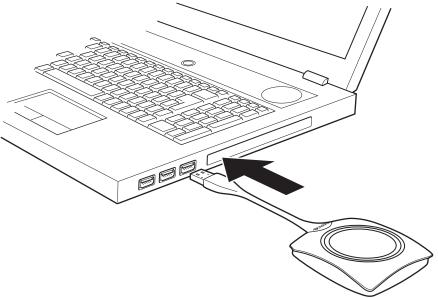


Image 3-2

The LEDs of the Button start flashing white.

On your laptop a new drive appears.

Two situations are possible now:

- A launcher is preinstalled on your laptop (downloaded from the Base Unit or Barco website, or deployed company-wide by your IT department). ClickShare is immediately available. You can continue with step 4.
- nothing is pre-installed. Continue with step 2.
- 2. Browse to and double-click the ClickShare drive on your laptop.

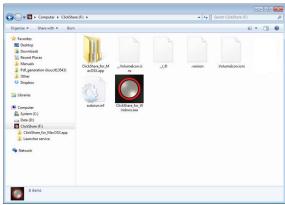
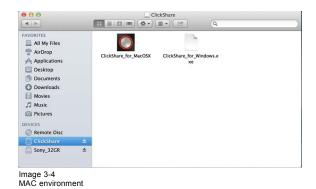


Image 3-3 Windows environment



3. Double-click the ClickShare application.



The ClickShare client software starts and its icon appears in the system tray.

On a Windows computer:



On a Macintosh:



When the system is ready for use, a message appears close to the systray icon.



Image 3-5

The LEDs of the Button are static white.

4. To share your screen on the display, click the Button.

The LEDs of the Button become static red and your screen appears on the display. When audio is enabled on the ClickShare Base Unit, the audio of your laptop is also available on the audio output of the Base Unit and on the HDMI output, and it will be played via the meeting room audio system. The icon returns to the same state as in step 3.

In the system tray, the ClickShare icon starts rotating. On Windows computers the icon changes into



The name of the user logged on to the laptop which is sharing its content is briefly shown in the bottom left corner of the added

ClickShare automatically scales the content of your screen to the resolution of the meeting room display. The aspect ratio of your screen is maintained to make sure the proportions are correct.

5. To remove your content from the display, click the Button again.

The LEDs of the Button become static white.

6. When leaving the meeting room, unplug the Button from your laptop.

No trace of the ClickShare application is left on your laptop.

3.3 **User Interface**

User Interface functionality

After launching the client, the ClickShare icon appears in the system tray.

ClickShare context menu

The content of the context menu is related to the operating system.

1. Right-click the ClickShare icon in the system tray.

The context menu appears.

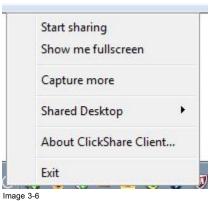


Image 3-6 Context menu

2. From the list, click the action you want to perform.

Click	То	Result
Start sharing	to show your screen on the display.	The LEDs of your Button become red.
Show me fullscreen	to bring the content of your screen on the display full screen.	The screens of other users that were shown on the display disappear.
Capture mode	to choose to capture video with more (slower performance) or less detail (faster performance).	Tune video performance and quality
Shared desktop (only for Windows7, Windows8 and Windows10)	to select primary or extended desktop	Depending on the selection the primary or the extended display is displayed.
About ClickShare Client	to find out the ClickShare software version.	Here you can find more information on the ClickShare software version.
Exit	to close ClickShare.	The ClickShare icon disappears from the system tray and the LEDs of the Button start blinking white.

3.4 Capture more



Only for Windows XP, Windows Vista and Windows 7 & 8.

About capture more

ClickShare is optimized for optimized for optimized performance. Upon starting the client software it will disable Win7 Aero Glass to maximize video performance. Upon quitting the ClickShare applications your Aero Glass settings will be restored.

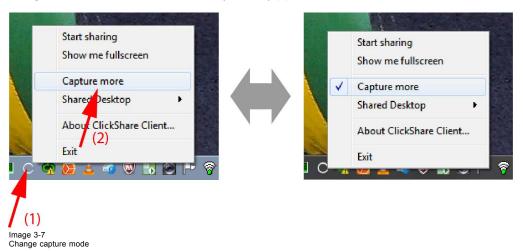
Transparent alpha layers are by default not captured. Therefore some windows may not be shown or may appear different on screen. For example content of video players using overlays will not be shown.

With "Capture More" selected, Win7 Aero Glass settings will be restored and capturing of alpha layers is enabled. In this mode, video throughput may decrease a bit and more details will be captured.

Default setting: Not checked.

How to change

1. Right click on the ClickShare icon in the system tray (1).



A context menu opens.

2. Click Capture More to toggle.

Checked: capture with more details but may have a lower performance.

Not checked: capture will be faster but may lose some of the details

Starting the client automatically in Capture More

The Capture more mode can be started by default so that the Aero Glass settings are not disabled. To do so, an environment variable should be introduced in your windows. Ask you administrator or consult your windows documentation to find out how to create.

The following variable should be introduced:

Variable Value

CLICKSHARE_CAPTUREMOREBYDEFAULT

3.5 Shared desktop: primary - extended



Only for Window7 and Windows8

About shared desktop

Depending on your selection, your primary screen or your extended screen will be captured and displayed via ClickShare. That extended screen can be a physical screen or a virtual screen.

With extended desktop you can take advantage of both your laptop screen and the central meeting room display. Presentation notes or other material on primary screen will not be displayed to everyone.

PC with virtual extended screen:



Image 3-8

Primary screen displayed on the PC, extended screen displayed on the meeting room display.



Image 3-9

PC with one extended screen connected. That extended screen will be captured and displayed on the meeting room display.



Image 3-10

PC with two extended screens connected. The first extended screen, screen 2 will always be captured and displayed on the meeting room display.



To know if your system supports the extended desk top feature, press Window key + P. It should bring up the following pop-up on screen:



Image 3-11

How to select

1. Right click on the ClickShare icon in the system tray (1).

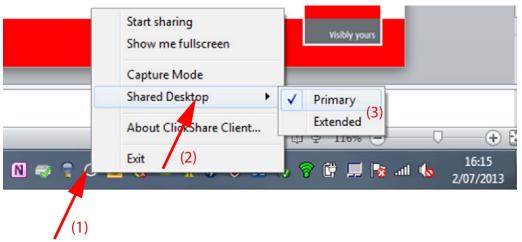


Image 3-12 Shared desktop selection

A context menu opens.

More that one extended desktop can be shown, e.g. extended desktop (center) and extended desktop (right).

- 2. Select Shared Desktop (2).
- 3. Select the desired setting (3).

Primary: the primary PC screen is displayed on the meeting room display.

Extended always the secondary screen is displayed on the meeting room display.

Known issue

· Virtual Extended Desktop requires the ClickShare Extension Pack to be installed on Windows 8 and Windows 10 systems.

3.6 Audio configuration

Audio configuration

The connected user must control his own audio signal using the audio configuration of his computer. If he does not want to broadcast his audio signal, he has to mute audio on his computer.

For some operating system, it is necessary to set ClickShare as your default output device. Once you unplug the Button, the default setting is switched back to the previous setting.

Set ClickShare as default in Windows

1. Right click on the speaker icon in the system tray (1).

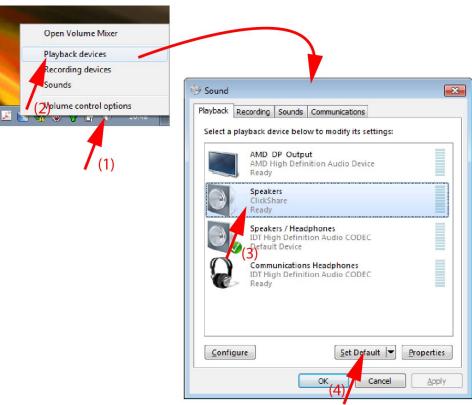
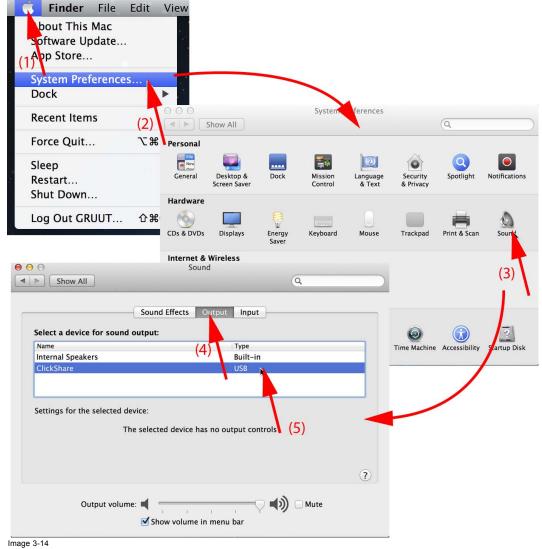


Image 3-13 Speakers ClickShare, default (example Windows 7)

- 2. Click Playback devices (2).
 - The Sound window opens on the Playback tab.
- 3. Select Speakers ClickShare (3) and click Set default (4).
- 4. Click Apply or OK to activate the new setting.

Set ClickShare as default on MAC

1. Click on the Apple logo on the menu bar (1) and select System Preferences.. ..(2).



Speakers ClickShare, default

2. Click on the Speaker icon (3).

The Sound window opens.

3. Select the Output tab (4) and activate ClickShare (5).



Short way to select ClickShare as audio device: Click with the mouse on the Speaker symbol in the menu bar while holding ALT. ClickShare will be visible as an option.

3.7 Pairing

Pairing of the Buttons with the Base Unit

To be able to use a Button it should be assigned to the Base Unit you are using. This process is called pairing. By default, the Button(s) delivered with the CSE-200 set are already paired to the specific Base Unit.

In case you buy additional Buttons or when a Button should be assigned to another Base Unit, the Button needs to be paired (again). The Button software update runs in the background and will not impact users while using the system. If desired, this feature can be disabled in the Web Interface. When downgrading or updating to an older version of the Base Unit software the Buttons need to paired manually to update their software and that only in case the Button update over Wi-Fi is disabled.



A Button can only be paired to one Base Unit at a time.

The Button will always make connection to the Base Unit it was last paired to.

To pair a Button to the Base unit

1. Insert the Button in the USB port at the front of the Base Unit you are using.

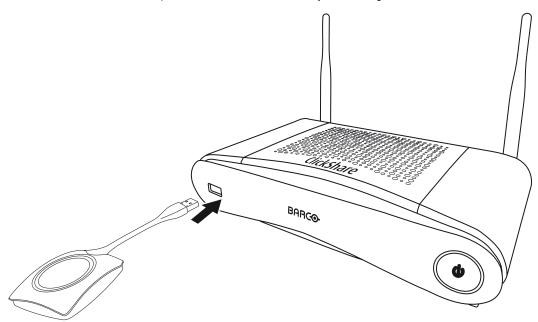


Image 3-15

Both the LEDs of the Button and the LEDs of the Base Unit are blinking white. This means pairing is in progress.

The Base Unit automatically checks whether the software of the Button is up to date. If not, the Base Unit updates the Button software. This may take more time.

During the pairing and update process, a small status bar is display.



Image 3-16 Pairing message

The result of the pairing process can be as follows:

- When the LEDs become static white, the Button is paired to the Base Unit, but no software update was needed. You can unplug the Button from the Base Unit.
- When the LEDs become static red, the Button is paired to the Base Unit and the software update has finished. You can unplug the Button from the Base Unit.



Image 3-17 Pairing finished

2. Unplug the Button from the Base Unit.

The Button is now ready for use.

4. TROUBLESHOOTING

4.1 Basic Troubleshooting

Problem solving

In this chapter some problems that might occur while using CSE-200 are listed. For each problem possible causes are given and a solution is proposed. If you cannot solve the problem yourself, please contact your local IT administrator.

Problem	Cause	Solution
Your screen is not shown on the display when pressing the Button.	You are the third person that wants to share the content to the display.	The first or second user has to push his button to remove his content so that a third user can share his content. or
		As third user, click and hold the Button to use the Show me function of ClickShare.
	The ClickShare client software is not running.	Go to the ClickShare drive and run the software.
Your screen is shown, but your audio is not playing on the meeting room audio	Your audio signal on your PC is muted	Right click on the speaker icon and switch off the mute.
system	Audio system of the meeting room is not switched on	Switch on the audio system of the meeting room.
	When using separate audio, audio cable is not connected	Check audio connection between the Base Unit (audio out, green connector) and the audio system of the meeting room.
	Default speaker is not correctly set .	With a Button inserted, set ClickShare speaker as your default speaker.
	Buttons are not re-paired after changing the audio setting on the web interface	Re-pair the buttons.
	Audio setting on the web interface is not correctly set.	Consult your administrator to select the correct audio setting.
Your content is removed from the display and the LEDs of your Button are blinking white.	Connection to the Base Unit has been lost.	ClickShare tries to restore the connection automatically. If this fails, the LEDs of the Button start blinking red. You should unplug the Button from your laptop and start a new.
Nothing is shown on the display at all.	The display is switched off.	Switch on the display.
	Wrong input is selected.	Select the correct input.
	The display cable is not connected (correctly).	(Re)insert the display cable to the display and the Base Unit.
	The display does not recognize or is not able to display the Base Unit output resolution.	You or an administrator should change the corresponding setting via the web interface.
	The Base Unit is in standby mode.	Briefly push the standby button on the Base Unit or plug in a Button and run the ClickShare client software.
	The Base Unit is powered off.	Check if power adapter is connected to the Base unit and to the wall outlet.
	The Button's software is not compatible with that of the Base unit	Re-pair and update the software of the Button by inserting it in the front USB port of Base Unit.
	Wallpaper is disabled	If you connect a Button and start sharing, the content should be shown.

4. Troubleshooting

Problem	Cause	Solution
After inserting the Button into your laptop, you cannot find the ClickShare drive.	Bad connection at USB port on laptop.	 Refresh the view on your laptop. Reconnect to the USB port. Try another USB port. Reboot your laptop.
	Windows tries to assign the ClickShare drive to an already reserved drive letter IT policy not mount USB drives	Use Microsoft Windows Disk Management to assign it to a free drive letter. Contact your IT responsible.
Some programs of Windows are not shown on the display.	Use of overlays, 3D or hardware acceleration in the GPU.	 Disable overlays or hardware acceleration in the GPU. Disable AeroGlass in Windows 7 Capture mode

5. ENVIRONMENTAL INFORMATION

5.1 Disposal information

Disposal Information

Waste Electrical and Electronic Equipment



This symbol on the product indicates that, under the European Directive 2012/19/EU governing waste from electrical and electronic equipment, this product must not be disposed of with other municipal waste. Please dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

For more information about recycling of this product, please contact your local city office or your municipal waste disposal service.

For details, please visit the Barco website at: http://www.barco.com/en/AboutBarco/weee

Disposal of batteries in the product

This product contains batteries covered by the Directive 2006/66/EC which must be collected and disposed of separately from municipal waste.

If the battery contains more than the specified values of lead (Pb), mercury (Hg) or cadmium (Cd), these chemical symbols will appear below the crossed-out wheeled bin symbol.

By participating in separate collection of batteries, you will help to ensure proper disposal and to prevent potential negative effects on the environment and human health.

5.2 Rohs compliance

Turkey RoHS compliance



Türkiye Cumhuriyeti: AEEE Yönetmeliğine Uygundur.

[Republic of Turkey: In conformity with the WEEE Regulation]

中国大陆 RoHS - Chinese Mainland RoHS

根据中国大陆《电器电子产品有害物质限制使用管理办法》(也称为中国大陆RoHS),以下部分列出了Barco产品中可能包含的有毒和/或有害物质的名称和含量。中国大陆RoHS指令包含在中国信息产业部MCV标准:"电子信息产品中有毒物质的限量要求"中。

According to the "Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products" (Also called RoHS of Chinese Mainland), the table below lists the names and contents of toxic and/or hazardous substances that Barco's product may contain. The RoHS of Chinese Mainland is included in the MCV standard of the Ministry of Information Industry of China, in the section "Limit Requirements of toxic substances in Electronic Information Products".

零件项目(名称)	有毒有害物质或元素						
Component Name	Hazardous Substances or Elements						
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚	
	(Pb)	(Hg)	(Cd)	(Cr6+)	(PBB)	(PBDE)	
印制电路配件	Х	0	X	0	0	0	
Printed Circuit Assemblies							
电(线)缆	х	0	Х	0	0	0	
Cables							

底架	х	0	Х	0	0	0
Chassis						
电源供应器	Х	0	Х	0	0	0
Power Supply Unit						
文件说明书	0	0	0	0	0	0
Paper Manuals						

本表格依据SJ/T 11364的规定编制

This table is prepared in accordance with the provisions of SJ/T 11364.

- O:表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572 标准规定的限量要求以下.
- O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572.
- X:表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 标准规定的限量要求.
- X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.

在中国大陆销售的相应电子信息产品(EIP)都必须遵照中国大陆《电子电气产品有害物质限制使用标识要求》标准贴上环保使用期限(EFUP)标签。Barco产品所采用的EFUP标签(请参阅实例,徽标内部的编号使用于指定产品)基于中国大陆的《电子信息产品环保使用期限通则》标准。

All Electronic Information Products (EIP) that are sold within Chinese Mainland must comply with the "Marking for the restriction of the use of hazardous substances in electrical and electronic product" of Chinese Mainland, marked with the Environmental Friendly Use Period (EFUP) logo. The number inside the EFUP logo that Barco uses (please refer to the photo) is based on the "General guidelines of environment-friendly use period of electronic information products" of Chinese Mainland.



Image 5-1

限用物質含有情況標示聲明書 (Declaration of the Presence Condition of the Restricted Substances Marking) — Taiwan RoHS compliance

設備名稱: 無線演示系統, 型號(型式): CSE-200							
Equipment name: wireless presentation system, Type designation: CSE-200							
	限用物質及其化學符號						
	Restricted substances and its chemical symbols						
單元	鉛	汞	鎘	六價鉻	多溴聯苯	多溴二苯醚	
Unit	Lead	Mercury	Cadmium	Hexavalent	Poly-	Poly-	
	(Pb)	(Hg)	(Cd)	chromium	brominated biphenyld	brominated diphenyl	
				(Cr6+)	(PBB)	ethers	
					` ,	(PBDE)	
印製電路板配件	_	0	_	0	0	0	
Printed Circuit Assemblies		0			J	J	

設備名稱: 無線演示系統, 型號(型式): CSE-200

Equipment name: wireless presentation system, Type designation: CSE-200

	限用物質及其化學符號 Restricted substances and its chemical symbols							
單元	鉛	汞	鎘	六價鉻	多溴聯苯	多溴二苯醚		
Unit	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6+)	Poly- brominated biphenyld (PBB)	Poly- brominated diphenyl ethers (PBDE)		
電(線)纜 Cables	_	0	_	0	0	0		
機箱 Chassis	_	0	_	0	0	0		
電源供應器 Power Supply Unit	_	0	0	0	0	0		

備考1. "超出0.1 wt %" 及 "超出0.01 wt %" 係指限用物質之百分比含量超出百分比含量基準值。

Note 1: "Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考2. "○" 係指該項限用物質之百分比含量未超出百分比含量基準值。

Note 2: "O" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考3. "一" 係指該項限用物質為排除項目。

Note 3: The "—" indicates that the restricted substance corresponds to the exemption.

5.3 Production address

Factory

Barco N.V.

12F, Citychamp Building, No. 12, Tai Yang Gong Zhong Lu, Chaoyang District, Beijing, P.R.C

Made in information

The made in country is indicated on the product ID label on the product itself.

Production date

The month and year of production is indicated on the product ID label on the product itself.

5.4 Importers contact information

Contact

To find your local importer, contact Barco directly or one of Barco's regional offices via the contact information given on Barco's web site, www.barco.com.