

Experimenter's Guide To Successful Research





To turn on the Experimenter's Display (ED), press the screen gently with your finger for 3s.

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(?) This button allows you to access the help menu.



A. Examiner Sources



This window controls the selection of the external sources that can be displayed on work stations.

• Vw Lrg (View Large)

This button allows you to send the experimenter source input on the main screen (E) of the Experimenter's Display (ED).

• Laptop

This button allows you to select the laptop input feed, which will be displayed on the Examiner Sources screen, for use in the workstation.

• PC (Personnal Computer)

This button allows you to select the experimenter computer input feed, which will be displayed on the Examiner Sources screen, for further use in the workstation.

• VCR (Video Cassette Recorder) and DVD This button allows you to select the external VCR or DVD input feed, which will be displayed on the Examiner Sources screen, for further use in the workstation.



B. Cube View



This window allows remote control of both computers (Stimulus PC and Bio PC) in the selected workstation and remote control of the workstation's camera.

Left Screen (Stimulus PC)

• Vw Lrg (View Large)

This button allows you to send the selected desktop or camera feed to the main screen (E) of the Experimenter's Display (ED).

• Keyboard

This button gives you keyboard and mouse remote-control access to the Stimulus PC, using the identified (labelled) keyboard and mouse connected to the Experimenter's Display (ED).

Right Screen (Bio PC)

• Vw Lrg (View Large)

This button allows you to send the selected desktop or camera feed to the main screen (E) of the Experimenter's Display (ED).

• Stim2

This button allows you to select and display the extended desktop of Stimulus PC.

• Bio

This button allows you to select and display the Bio PC.



• Keyboard

This button gives you keyboard and mouse remote-control access to the Bio PC using the identified (labelled) keyboard and mouse connected to the Experimenter's Display (ED).

Camera

• Vw Lrg (View Large)

This button allows you to send the selected desktop or camera feed to the main screen (E) of the Experimenter's Display (ED).

- *PT Cont* This button allows you to control the workstation's camera angle.
- Ps 1, Ps 2 and Ps 3

These buttons allow you to position the workstation's camera in a pre-set angle. You can modify the pre-set setting by positioning the camera in a new angle and pressing the Save button.

• Save

See Ps 1, Ps 2 and Ps 3.



C. Camera Controls

C1.1 Camera Viewing [ED]



- Vw Lrg (View Large)
 This button allows you to send the selected camera feed to the main screen (E) of the Experimenter's Display (ED).
- *PT Cont* This button allows you to control the selected camera's angle.
- Ps 1, Ps 2 and Ps 3
 These buttons allow you to position the selected camera in a pre-set angle. You can modify the pre-set setting by positioning the camera in a new angle and pressing the Save button.
- Save See Ps 1, Ps 2 and Ps 3.



C1.2 Camera Viewing [Observation Station from Combined Mode]



- Vw Lrg (View Large)
 This button allows you to send the selected camera feed to the main screen (E) of the Experimenter's Display (ED).
- *PT Cont* This button allows you to control the selected camera's angle.
- Ps 1, Ps 2 and Ps 3
 These buttons allow you to position the selected camera in a pre-set angle. You can modify the pre-set setting by positioning the camera in a new angle and pressing the Save button.
- Save See Ps 1, Ps 2 and Ps 3.

C2.1 Camera Selection [Separated Mode]



This window allows you to select the different camera feeds to be displayed in the Camera Viewing window.

- 1. Select the camera feed that you want displayed.
 - *Rm A/B Subjects*: All 4 workstations' cameras.
 - *Rm Cam A/B-1* and *Rm Cam A/B-2*: Ceiling cameras of the testing room.
 - Cube 1, 2, 3, 4: Workstation's camera
 - Lobby Cam 1 and Lobby Cam 2: Ceiling cameras of the waiting room.
 - Examiner Desk 1/2: Examiner's desk camera.
- 2. Select one of the windows (Top Window, Middle Window, Bottom Window) of the Camera Viewing window were you want the camera feed to be sent.



C2.2 Camera Selection [Combined Mode]



- 1. Select the camera feed that you want displayed.
 - *Rm A/B Subjects*: All 4 workstations' cameras.
 - *Rm Cam A/B-1* and *Rm Cam A/B-2*: Ceiling cameras of the testing room.
 - Cube 1, 2, 3, 4: Workstation's camera
 - Lobby Cam 1 and Lobby Cam 2: Ceiling cameras of the waiting room.
 - Examiner Desk 1/2: Examiner's desk camera.
 - All Subjects: All 8 workstations' camera
- 2. Select one of the windows (Top Window, Middle Window, Bottom Window) of the Camera Viewing window were you want the camera feed to be sent.



D. Facility Layout



This window displays the outline of the testing facility and allows you to select a workstation. It will also display workstations' assistance requests.

• Touch the desired workstation to display it in the Cube View (B).

N.B. In Separate Mode (See G), Experimenter's Display 1 (ED 1) accesses and displays only workstations in testing room A while Experimenter's Display 2 (ED 2) accesses only workstations in testing room B. In Combined Mode (see G.i.), the Experimenter's Display 1 (ED 1) accesses and displays all workstations.

It will also display workstations' assistance requests. The workstations' icon will flash when those workstations will request assistance.

• Touch the desired workstation to display it in Cube View (B) and to answer assistance requests with audio communication.

N.B. In Separate Mode (See G), Experimenter's Display 1 (ED 1) accesses and displays only workstations in testing room A while Experimenter's Display 2 (ED 2) accesses only workstations in testing room B. In Combined Mode (see G.i.), the Experimenter's Display 1 (ED 1) accesses and displays all workstations.



E. Main Screen

This window allows you to view an enlarged display of a selected element.

• Touch to enlarge the selected view into full screen.

F. Cube Light Control

Cube Light Control
Selected Cube A2 Individual Presets Current Value 25% 50% 75% Preset 1 Preset 2 Preset 3 Shared Presets Save Off 25% 50% 75% Preset 1 Preset 3 Off Preset 1 Preset 3 Off Preset 1 Preset 3 Off
All Cubes Shared Presets 25% 50% 75% Preset 1 Preset 3 Off
Group Shared Presets 25% 50% 75% Preset 1 Preset 3 Off Group 3 Group 4

This window allows you to control the workstations' lighting individually or as a group.

- *Preset 1, 2,3 :* These buttons allow you to set the workstation's lighting to a preset level. You can modify the pre-set setting by selecting a brightness level with the Brighter and Dimmer buttons and pressing the Save button.
- Save: See Preset 1, 2, 3
- *High:* This button sets the workstation's lighting at the maximum level.
- *Off:* This button turns off workstation's lighting.



- *Brighter:* This button increases the workstations lighting.
- *Dimmer:* This button decreases the workstations lighting.

N.B. The group light controls only appear in Group Mode (see I Group Mode).

- 1. Select the group for which the lighting needs to be modified.
- 2. Select the desired lighting options.

G. Monitor Setup, Digital Signage and Monitor Control



This window allows you to use certain function of the ED, the Digital Signage in the waiting room and all of the workstations' monitor display.

- i. System Setup
 - Off Hold Screen To Turn On This button, when held down for 3 - 5 seconds, turns of the ED.
 - Separated and Combined These buttons will combine all 8 workstations under one ED (always on ED 1) or separate them according to their default ED (ED 1 accesses testing room A's functions while ED2 accesses testing room B's functions).

N.B. When all 8 workstations are combined, the ED 1 accesses functions for both testing room (see H combined mode) and ED 2 becomes an observation station (see image). The observation station has a camera control panel (see C2.2



combined) with an access to all cameras in both testing rooms and a system setup panel.

Observation Station



- ii. Digital Signage
 - a. Player Control
 - \uparrow and \downarrow

These buttons increase or decrease the amount of time (in minutes) marking the beginning of the study displayed on the Digital Signage in the waiting room.

• Send

This button sends the amount of time left before the beginning of the study to the Digital Signage.

- Begun This button displays on the Digital Signage that the study as begun.
- Vw Lrg [View Large] This button allows you to send the Digital Signage feed on the main screen (E) of the Experimenter's Display (ED).



- b. Volume
- \uparrow and \downarrow

These buttons increase or decrease the volume of the Digital Signage in the waiting room.

• Mute

This button mutes the volume of the Digital Signage in the waiting room.

- c. Source Ctrl (Source Control)
- Ex Source (Examiner Source) This button sends the Examiner Source's feed to the Digital Signage in the waiting room.
- Dig Sign

This button sends the default Digital Signage feed to the Digital Signage in the waiting room.

iii. Monitor Control

N.B. The following settings automatically affect all monitors simultaneously in the according testing room (see G.i. for separate or combined mode)

• Off and On

This button turns off / on all the workstation's monitors (left or right) assigned to the ED.

Black

This button turns all monitors (left or right) of the designated workstations that are assigned to the ED black.

• Stim Lt

This button sends the respective Stimulus PC feed to all left monitors of the designated workstations assigned to the ED.

• Ex Source

This button sends the Examiner Source's feed to all monitors (left or right) of the designated workstations assigned to the ED.

Dig Sign

This button sends the Digital Signage feed to all left monitors of the designated workstations assigned to the ED.



• Stim Rt

This button sends the respective extended desktop Stimulus PC feed to all right monitors of the designated workstations assigned to the ED.

All Subs

This button sends all the workstations' camera feed to all right monitors og the designated workstations assigned to the ED.

• Ex Cam

This button sends the Examiner Desk camera feed to all right monitors of the designated workstations assigned to the ED.

• Bio

This button sends the respective Bio PC feed to all right monitors of the designated workstations assigned to the ED.

N.B. In Group Mode (See I), the group button will appear in the Monitor Control window.





Group

This button sends the video feed of the team or teammates to each member of the concerned group (see H.5.1 N.B.).

H. Workstation (Cube) Control

- H.1 Workstation Control [Setup Mode]
 - H.1.1. Setup Mode [Separated Mode]



• Select

This button displays the selected workstation in the Cube View window (B).

Listen To Stim

This button enables the examiner to listen to the audio content broadcasted on the Stimulus PC.

• Listen

This button enables the examiner to access the audio feed from the headset microphone of the selected workstation.



• Listen to Bio

This button enables the examiner to listen to the audio content broadcasted on the Bio PC.

• Off and On

This button turns off / on the monitors (left or right) of the workstations assigned to the ED.

N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experiment. E.g. The room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.

• Black

This button turns the designated workstation's monitors (left or right) black.

• Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.

• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right).

Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

All Subs

This button sends all camera feed of the workstations assigned to the ED to the designated workstation's right monitors.

• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.



H.1.2. Setup Mode [Combined Mode]

Rm A Cube 1	Rm A Cube 2	Rm A Cube 3	Rm A Cube 4	Rm B Cube 1	Rm B Cube 2	Rm B Cube 3	Rm B Cube 4
Select Listen To Stim	Select Listen To Stim	Select Listen To Stime	Select Listen To Stime	Select Listen To Stiny	Select Listen To Stim	Select Listen To Stiny	Select Listen To Stim
Listen Listen to Bio	Listen Listen to Bio	Listen Listen to Bio	Listen Listen to Bio	Listen Listen to Bio	Listen Listen to Bio	Listen to Bio	Listen to Bio
Power	Power	Power	Power	Power	Power	Power	Power
On On	On On	On On	On On	On On	On On	On On	On On
	016 016	Off Off	Off Off	Off Off	Off Off	Off Off	Off Off
Un Un	on on	Luft Dames	Left Source	Left Source	Left Source	Left Source	Left Source
Left Source	Left Source Black Ex Src	Black Ex Stc	Black Ex Src	Black Ex Std	Black Ex Src	Black Ex Src	Black Ex Stc
		Dia Sign	Stim Lt Dig Sign	Stim Lt Dig Sign	Stim Lt Dig Sign	Stim Lt Dig Sign	Stim Lt Dig Sign
Stim Lt Dig Sign	Stim Lt Dig Sign	Stim Lt	Right Source	Right Source	Right Source	Right Source	Right Source
Right Source	Right Source	Black Ex Stc	Black Ex Ste	Black Ex Src	Black Ex Src	Black Ex Src	Black Ex Stre
Black		Stim Bt Ex Cam	Stim Rt Ex Cam	Stim Rt Ex Com	Stim Rt Ex Cam	Stim Rt Ex Cam	Stim Rt Ex Cam
Stim Rt Ex Cam All Sub Bio	All Sub Bio	All Sub Bio	All Sub Bio	All Sub Bio	All Sub Bio	All Sub Bie	All Sub Bio
A A A A A A A A A A A A A A A A A A A							1

• Select

This button displays the selected workstation in the Cube View window (B).

• Listen To Stim

This button enables the examiner to listen to the audio content broadcasted on the Stimulus PC.

• Listen

This button enables the examiner to access the audio feed from the headset microphone of the selected workstation.

• Listen to Bio

This button enables the examiner to listen to the audio content broadcasted on the Bio PC.

• Off and On

These buttons turns off / on the monitors (left or right) of the workstations assigned to the ED.

N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experiment. E.g. The room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.



Black

This button turns the designated workstation's monitors (left or right) black.

• Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.

• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right).

• Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

All Subs

This button sends all camera feed of the workstations assigned to the ED to the designated workstation's right monitors.

• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.



- H.2. Workstations Control [Broadcast Mode]
 - H.2.1. Broadcast Mode [Separated Mode]

Select Not Used Select Used Push Te Power
Puch To Talk Puch To Talk Puch To Talk Power Power Power Power Power Power On On On On Off Off Off Off Og Sign Stim Lt Dig Sign Right Source Right Source Black Ex Src Black Ex Src
Power Power Power Power On On On On On On Off Off Off Off Off Off Off Off Off Off Off Off Off Off Left Source Left Source Left Source Ex Src Black Ex Src Stim Lt Dig Sign Stim Lt Oig Sign Stim Lt Dig Sign Right Source Right Source Right Source Black Ex Src Black Ex Src Black Ex Src
On On<
Off Off Off Off Off Off Off Left Source Left Source Left Source Left Source Black Ex Src Black Ex Src Black Ex Src Stim Lt Dig Sign Stim Lt Dig Sign Stim Lt Dig Sign Right Source Black Ex Src Black Ex Src Black Ex Src Black Ex Src
Left Source Left Source Left Source Left Source Black Ex Src Black Ex Src Black Ex Src Black Ex Src Stim Lt Dig Sign Stim Lt Dig Sign Stim Lt Dig Sign Stim Lt Dig Sign Right Source Right Source Right Source Black Ex Src Black Ex Src Black Ex Src
Black Ex Src Black Ex Src Black Ex Src Stim Lt Dig Sign Stim Lt Dig Sign Stim Lt Dig Sign Right Source Right Source Right Source Right Source Right Source Black Ex Src Black Ex Src Black Ex Src
Stim Lt Dig Sign Right Source Right Source Right Source Right Source Black Ex Src Black Ex Src Black Ex Src Stack Ex Src Stack Stac
Right Source Right
Black Ex Src Black Ex Src Black Ex Src Black Ex Src
Stim Rt Ex Com Stim Rt Ex Com Stim Rt Ex Com Stim Rt Ex Com
All Sub Bio All Sub Bio All Sub Bio

• Select

This button displays the selected workstation in the Cube View window (B).

• Push To Talk

This button allows the experimenter to talk, through the headset, to the participant at the designated workstation.

• Not Used

This button has NO function.

• Off and On

These buttons turns off / on the workstation's monitors (left or right) assigned to the ED.

N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experiment. E.g. The room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.

Black

This button turns the designated workstation's monitors (left or right) black.

• Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.



• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right).

• Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

All Subs

This button sends all camera feed of the workstations assigned to the ED to the designated workstation's right monitors.

• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.



H.2.1. Broadcast Mode [Combined Mode]



• Select

This button displays the selected workstation in the Cube View window (B).

- Push To Talk
 This button allows the experimenter to talk, through the headset, to the participant at the designated workstation.
- Not Used

This button has NO function.

• Off and On

These buttons turns off / on the monitors (left or right) of the workstations assigned to the ED.

N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experiment. E.g. The room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.

Black

This button turns the designated workstation's monitors (left or right) black.

• Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.

• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right).

Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

All Subs

This button sends all camera feed of the workstations assigned to the ED to the designated workstation's right monitors.



• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.

H.3. Workstations Control [Individual Mode]

N.B. When the ED is set on Individual Mode, the Assistance window will appear under the Facility's Outline (D) displaying the number of assistance request pending and which workstation is next in line.

	Assistance 🧿		
Next Request	Total Requests:	Ready	Clear All
	0	Finished	(Hold 2 Sed)

• 🤉

This button allows you to access the help menu.

Ready

This button enables audio communication between the examiner and the appropriate queued workstation.

• Finished

This button terminates communication between the examiner and the workstation

Clear All

Hold button for 2 seconds to clear all pending assistance request



H.3.1 Individual Mode [Separated Mode]

Rm A Cube 1	Rm A Cube 2	Rm A Cube 3	Rm A Cube 4
Select Acot	Select Rovg Asst	Select Rovg	Select Revg
Listen Request Asst	Listen Request Asst	Listen Request	Listen Request
Power	Power	Power	Power
On On	On On	On On	On On
Off Off	Off Off	Off Off	Off Off
Left Source	Left Source	Left Source	Left Source
Black Ex Src	Black Ex Src	Black Ex Src	Black Ex Src
Stim Lt Dig Sign	Stim Lt Dig Sign	Stim Lt Dig Sign	Stin La Dia Sias
Right Source	Right Source	Right Source	Right Source
Black Ex Src	Black Ex Src	Black Ex Src	Black Ex Src
Stim Rt Ex Cam	Stim Rt Ex Cam	Stim Rt Ex Com	Stim Rt Ex Com
All Sub Bio	All Sub Bio	All Sub Bio	All Sub Bio

• Select

This button displays the selected workstation in the Cube View window (B).

- Rcvg Asst (Receiving Assistance)
 This button is held down to indicate which workstation is receiving assistance.
- Listen
 This button enables the examiner to access the audio feed from the headset microphone of the selected workstation.
- Request Asst (Request Assistance)
 This button is held down to indicate that a workstation is requesting assistance.
 This button can also be used by the examiner to prompt the assistance procedure for the desired workstation.
- Off and On

These buttons turns off / on the monitors (left or right) of the workstations assigned to the ED.



N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experimenter. E.g. Room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.

Black

This button turns the designated workstation's monitors (left or right) black.

• Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.

• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right).

• Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

All Subs

This button sends all camera feed of the workstations assigned to the ED to the designated workstation's right monitors.

• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.



H.3.2 Individual Mode [Combined Mode]

Rm A Cube 1	Rm A Cube 2	Rm A Cube 3	Rm A Cube 4	Rm B Cube 1	Rm B Cube 2	Rm B Cube 3	Rm B Cube 4
Select Rovg	Select Rovg	Select Rovg Asst	Select Rovg Asst	Select Rovg	Select Rorg Asst	Select Rcvg Asst	Select Rovg Asst
Listen Request Asst							
Power							
On On	On On	Oh Oh	On On				
Off Off							
Left Source							
Black Ex Stre	Black Ex Src						
Stin Lt Dig Sign	Stim Lt Dig Sign						
Right Source							
Blade Freste	Black Ex Src	Distas					
Didn ex at			Stim Bt Ex Cam	Stim Rt Ex Com			
Stim Rt Ex Cam	Stim Rt Ex Cam	Stim Fit					All Sub Bio
All Sub Bio	All sup						

• Select

This button displays the selected workstation in the Cube View window (B).

- Rcvg Asst (Receiving Assistance) This button is held down to indicate which workstation is receiving assistance.
- Listen

This button enables the examiner to access the audio feed from the headset microphone of the selected workstation.

• Request Asst (Request Assistance)

This button is held down to indicate that a workstation is requesting assistance. This button can also be used by the examiner to prompt the assistance procedure for the desired workstation.

• Off and On

This button turns off / on the monitors (left or right) of the workstation assigned to the ED.

N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experimenter. E.g. Room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.



Black

This button turns the designated workstation's monitors (left or right) black.

• Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.

• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right).

• Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

All Subs

This button sends all camera feed of the workstations assigned to the ED to the designated workstation's right monitors.

• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.



H.4. Workstations Control [Group Mode]

N.B. When the ED is set on Individual Mode, the Assistance window will appear under the Facility's Outline (D) displaying the number of assistance request pending and which workstation is next in line.

	Assistance		
Next Request	Total Requests:	Ready	Clear All (Hold 2 Sed)
	0	Finished	

• 🤈

This button allows you to access the help menu.

Ready

This button enables audio communication between the examiner and the appropriate queued workstation.

• Finished

This button terminates communication between the examiner and the workstation

• Clear All Hold button for 2 seconds to clear all pending assistance requests

N.B. The groups are identified by the workstation color in Workstation Control.



H.4.1. Group Mode [Separated Mode]



Select

This button displays the selected workstation in the Cube View window (B).

- Rcvg Asst (Receiving Assistance)
 This button is held down to indicate which workstation is receiving assistance.
- Listen

This button enables the examiner to access the audio feed from the headset microphone of the selected workstation.

• Request Asst (Request Assistance)

This button is held down to indicate that a workstation is requesting assistance. This button can also be used by the examiner to prompt the assistance procedure for the desired workstation.



• Off and On

These buttons turns off / on the workstation's monitors (left or right) that is assigned to the ED.

N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experimenter. E.g. Room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.

- Black This button turns the designated workstation's monitors (left or right) black.
- Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.

• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right)

Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

All Subs

This button sends all camera feed assigned to the ED of the workstation to the designated workstation's right monitors.

• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.

Group

This button sends the video feed of the team or teammates to each member of the concerned group (see H.5.1 N.B.)



H.4.2. Group Mode [Combined Mode]



• Select

This button displays the selected workstation in the Cube View window (B).

- Rcvg Asst (Receiving Assistance)
 This button is held down to indicate which workstation is receiving assistance.
- Listen

This button enables the examiner to access the audio feed from the headset microphone of the selected workstation.

- Request Asst (Request Assistance)
 This button is held down to indicate that a workstation is requesting assistance.
 This button can also be used by the examiner to prompt the assistance procedure for the desired workstation.
- Off and On

These buttons turns off / on the monitors (left or right) of the workstation that is assigned to the ED.

N.B. Power functions do not affect Left Source or Right Source settings. The settings will remain as previously selected by the experiment. E.g. The room B's workstation 1 will have the Stim Lt feed and the Bio feed whether the power is on or off.



Black

This button turns the designated workstation's monitors (left or right) black.

• Stim Lt

This button sends its Stimulus PC feed to the designated workstation's left monitors.

• Ex Source

This button sends the Examiner Source's feed to the designated workstation's monitors (left or right)

• Dig Sign

This button sends the Digital Signage feed to the designated workstation's left monitors.

• Stim Rt

This button sends its extended desktop Stimulus PC feed to the designated workstation's right monitors.

• All Subs

This button sends all camera feed assigned to the ED of the workstation to the designated workstation's right monitors.

• Ex Cam

This button sends the Examiner Desk camera feed to the designated workstation's right monitors.

• Bio

This button sends its Bio PC feed to the designated workstation's right monitors.

Group

This button sends the video feed of the team or teammates to each member of the concerned group (see H.5.1 N.B.)



- H.5. Workstations Control [Group Setup Mode]
 - H.5.1. Group Setup Mode [Separated Mode]

Room A Cube 1	Room A Cube 2	Room A Cube 3	Room A Cube 4
Group Selection	Group Selection	Group Selection	Group Selection

- 1
 - This button assigns the selected workstation to group 1.
- 2

This button assigns the selected workstation to group 2.

N.B. In Group Setup Mode, a video, audio and team setup options window appears under the Cube Light Control (F).





Include Subject

This button enables the group function video feed to include all the selected team workstations. (I.e., Participants will see their own video feed.)

- Don't Include Subject
 This button enables the group function video feed to include the selected team workstations excluding each workstation's own video feed. (I.e., Participants will only see their teammates.)
- Include Audio
 This button enables audio communication between group members via headset.
- Don't' Include Audio
 This button disables audio communication between group members via headset.
- 1x4

This pre-set button enables the creation of 1 group containing all 4 workstations.

• 2x2

This pre-set button enables the creations of 2 groups containing 2 workstations each.



H.5.2. Group Setup Mode [Combined Mode]



• 1

This button assigns the selected workstation to group 1.

• 2

This button assigns the selected workstation to group 2.

• 3

This button assigns the selected workstation to group 3.

• 4

This button assigns the selected workstation to group 4.

N.B. In Group Setup Mode, a video, audio and team setup options window appears under the Cube Light Control (F).



Include Subject

This button enables the group function video feed to include all the selected team workstations. (I.e., Participants will see their own video feed.)



• Don't Include Subject

This button enables the group function video feed to include the selected team workstations excluding each workstation's own video feed. (I.e., Participants will only see their teammates.)

- Include Audio This button enables audio communication between group members via headset.
- Don't Include Audio This button disables audio communication between group members via headset.
- 4 Cube Max This button assigns a maximum of 4 workstations per group.
- 8 Cube Group

This button assigns all 8 workstations to one group.

• 4x2

This pre-set button enables the creation of 4 groups containing 2 workstations each.

• 2x4

This pre-set button enables the creation of 2 groups containing 4 workstations each.



I. Study Mode and Audio



I.1 Study Mode

• 🤈

This button allows you to access the help menu.

• Setup Mode

This button enables functions, in the Workstation Control window, dedicated to transmitting audio information towards the ED. (See H.1 Workstations Control [Setup Mode])

- Broadcast Mode
- This button enables functions, in the Workstation Control window, dedicated to transmitting audio information towards the participants. (See H.2 Workstations Control [Broadcast Mode])
- Individual Mode

This button enables functions, in the Workstation Control window, dedicated to both transmitting audio information to and receiving audio information from the participants. (See H.3 Workstations Control [Individual Mode])



Group Mode

This button enables functions, in the Workstation Control window, dedicated to both transmitting audio/video information to and receiving audio information from and between the participants. (See H.4 Workstations Control [Group Mode])

- Setup Groups
 This button enables the configuration of the workstation groups. (See H.5 Workstations Control [Group Setup])
- I.2 Audio
 - 🤈

This button allows you to access the help menu.

- a. ED Ceiling Speaker
- Up, Mute and Down These buttons increase, decrease or mute the volume of the Experimenter's Desk ceiling speaker or of the workstations' ceiling speaker.
- Enable and Disable These buttons enable or disable the Experimenter's Desk ceiling speaker.
- b. Cube Audio Ceiling Speaker
- Up, Mute and Down

These buttons increase, decrease or mute the volume of the Experimenter's Desk ceiling speaker or of the workstations' ceiling speaker.

• Examiner Mic

This button sends the experimenter's headphone microphone feed to the workstations' ceiling speaker.

• Examiner Source

This button sends the Examiner Source feed to the ceiling speaker.

- c. Cube Audio Ceiling HP (Headphones)
- This button sends the Examiner Source feed to the workstations' headsets (HP).
 N.B. By default, the workstations' HP are set to the workstations' computer audio.



I.2.1. Audio [Individual Mode]



• Listen Only

This button disables verbal communication from the ED to the workstations via headset

- Subject Only This button enables access to the workstation's headset microphone audio feed.
- Listen and Talk

This button enables verbal communication between the ED and the workstation via headset

• Subject and PC

This button enables access to the workstation's headset microphone audio feed and to the Stim PC audio output.



I.2.2 Audio [Group Mode]



• Listen Only

This button disables verbal communication via headset from the ED to the workstations

• Listen and Talk

This button enables verbal communication via headset between the ED and the workstation