

# GUIDE

# TO LIVE STREAMING

## Part Three 10 pages

How to use **Switcher Studio** for indoor/outdoor streaming.

As used by Bowls Australia and Bowls SA

This is sophisticated software with many features to produce great productions.

The Guides are on our website [metrobowls.com.au](http://metrobowls.com.au)

**Part One**-General Information about the equipment and the setting up.

**Part Two**-How to use BeLive tv which we used for interview/live chat

“On the Green” and “Your Club”.

Both suppliers offer 14 day **free** trials and a monthly subscription \$25US so you can buy as needed.

This guide is offered as a service by the MBA to all clubs. Technology moves so rapidly the information will become outdated quickly.

## LIVE STREAMING GUIDE for Switcher Studio

**We need to promote our sport. We have fantastic opportunities. This world of Live Streaming will roll out in bowls in the next two years. Your club can be part of this trend.**

### Benefits :

- ✓ Involve your club members:
  - Grow your membership
  - Special events promotion
  - Clubs championships promoted
  - Night Owls final night /event
- ✓ Opportunities to gather sponsors:
  - Signage in background
  - On screen adverts
  - On the bench adverts
  - Bring a sponsor in to talk
  - Reports from Facebook give feedback-stats
  - People unable to attend-elsewhere

### General:

While the equipment list may seem daunting in reality you can use minimum equipment as long as you have good internet connection.

- Start simple.
- Decide what you want to do.
- Plan what will happen.
- Gather good talkers. Male and female.
- Gather equipment.
- Choose a good background without distractions for indoors.
- A quiet corner or a boardroom.
- **Have trials. Essential!!!!**
- **In the 14 day free time you can experiment as much as you like without going live.**
- Look online at Switcher Studio website tutorials

**In the Livestream world there are many providers and every month new equipment is hitting the market. Just check the lists of “Best equipment for 2019”.**

We have used these two:

You can use Windows computers with BeLive tv-makes it cheaper to set up.

BUT

Switcher Studio requires Apple equipment and iPhones 6 upwards.

**Big advantage:** you can use old iPhones 6 as cameras. We bought iPhones 6SE with 12 MP cameras for around \$200 each.

Essential:

- Have all **Apple** equipment
- Have a Facebook site
- Operator must be a Facebook editor for your club to access photos
- Good internet/WiFi connection
- A small group of willing people
- Aim for quality
- Advertise what you are doing by email/post on Facebook and through your membership
- Be aware what you say is on public record
- Project a positive image
- Use the 14 day free trial

The following pages refer to how to do it.

The Guide includes all screen images for your reference. Flick through and see the features available to you. Most pages are screen captures with notes to assist you.

## GUIDE:

INCLUDES SCREEN CAPTURES AND WORKING NOTES

Switcher Studio 14 day free trial. Try for nothing!

Facebook page and operator(s)

***YOU NEED SOMEONE TO BE THE OPERATOR OF THE SCREEN ON THE PROGRAMME.***

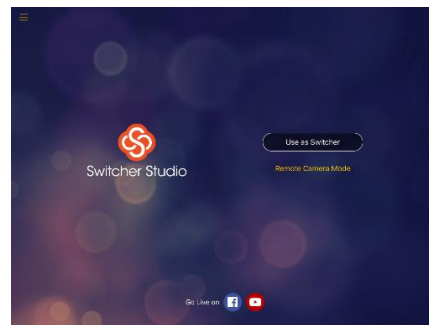
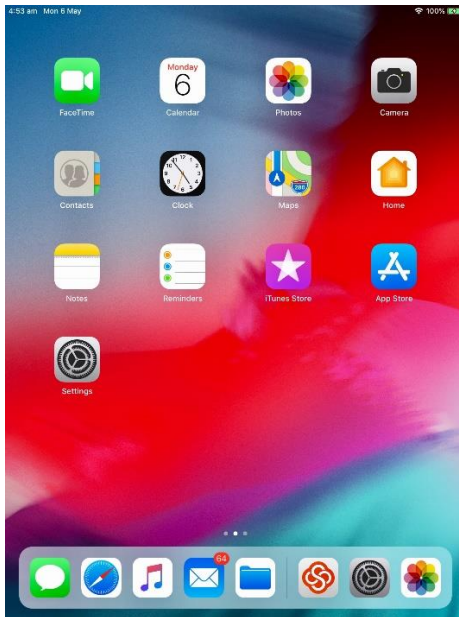
*This person does not need to be in the commentary team as the he/she can sit nearby.*

*Have the list of speakers organised and the operatory can control the various cameras- up to NINE iphones as cameras- that would be extremely challenging; titles and photos being introduced and withdrawn from the screen plus other features.*

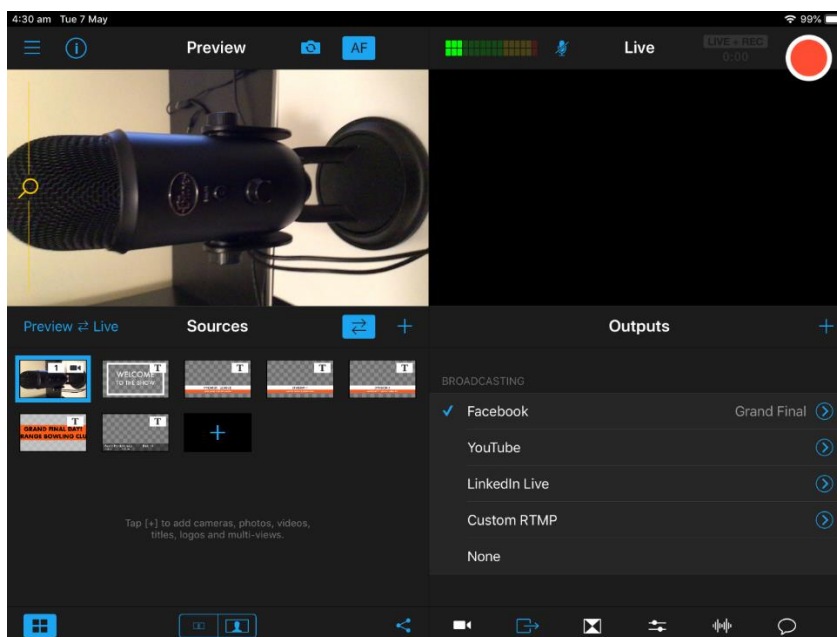
*One person can be the host and operate the computer but it takes practice.*

**Start simple!**

## The FRONT PAGE- This is what you see first.



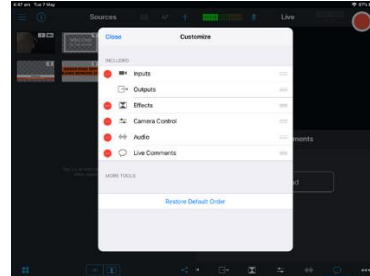
**Choose to use Switcher.** Two windows. The black on the right is where the live picture shows. Green bars show sound. Lower left are Titles to bring in.



**Included image of the microphone-Blue Yeti. A solid metal mike to cut down wind noise and it will not blow over. It has a mute button and controls for sound from in front and behind the mike.**

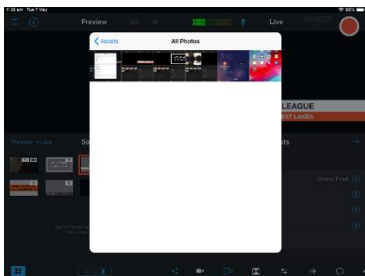
## The Assets.

Here you can explore the multiple contros that are available to you to enhance your production!



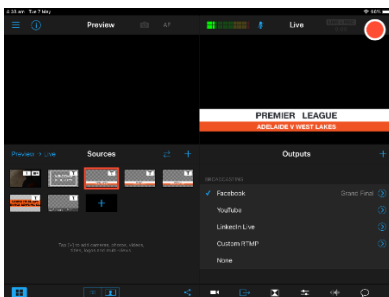
## Photos.

Have them loaded on Facebook in a file to gain quick access.



## Titles are essential.

Prepare before a list of what you think you will need. There is no limit but you might have trouble finding one quickly. The operator can make them as you go along.



The list may include the names of the commentators; the teams playing; a score card with the club names.



## IMPORTANT!!

Here you connect your cameras.

Each iPhone must be 6 or later: load the Switcher app for free on each.

We are using new iPhone 6SE because they have 12Mg cameras.

Bought on E-bay for about \$200- \$250.

Must be charged and connected to the Wifi you are using. No data required on the phone. No chip required. Secondhand is good or donated!

So simple.

Load Switcher app on each phone being used.

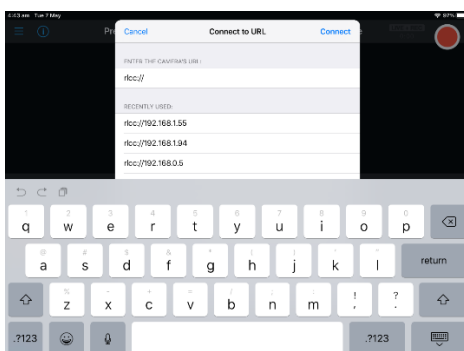
Write on a label the **access code** for the phone.

(If there is a breakdown you need to be able to restart the camera immediately-hence the code is needed).

Click on "Use as camera".

The modem will seek the camera and give it a unique identifier.

Once connected, the operator of Switcher can move from camera to camera! If a breakdown occurs- switch to another camera!

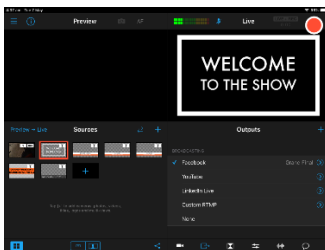
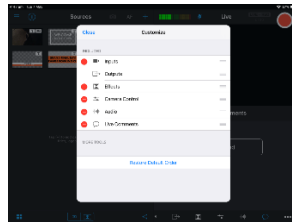
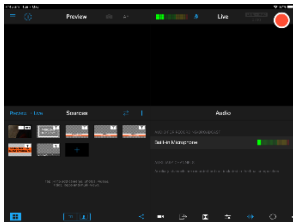
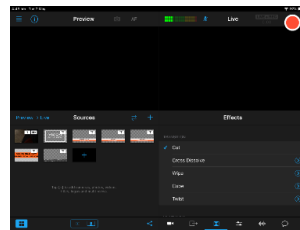
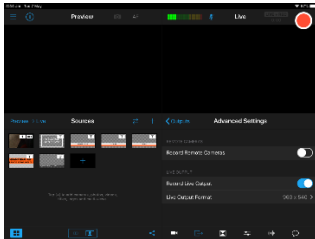


Each code identifies a different camera. The last three digits are the camera identifier

## Advanced users.

There are many controls here which show the true value of the software.

These controls enable you to produce a more professional production with experience.





## SEARCH ON LINE

Best Equipment Lists 2019 in each category eg PC Mag

Signage for the Bench \$30



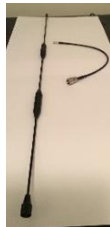
BRIOTECH Camera w/angle lens 2 mikes \$240



GIMBAL \$250



WiF Fi Extension Antennae Axis CLR2 Antenna \$150



2m Extension with magnet

Hand held camera.

MANFROTTO Tripod Must be stable. \$35-\$90 Need one per camera



Camera Mount \$14



Shown below



View on Manfrotto Tripod \$40



One per camera

## Multiple Cables and connectors \$100



## Blue Yeti Microphone \$250



## Extension Cable for Mke

## Category 5 cables faster and more efficient



Netgear: package \$35 per month with 15gb data 2 years. Use 1Gb/ hour data

Brydge excellent metal battery: good connectors

White: cheaper battery pack. Power supply.

Fasten to camera tripod and connector with good old duct tape!

## SUPPLIERS and good advice

JB Hi Fi

ELECTRIC BUG Antennae

TELSTRA