



# SPECIAL WORSHIP TRAINING WEBINAR

## HOW TO STREAM YOUR WORSHIP SERVICES ONLINE

with dan wilt and  
special guest, kevin weimer [[worshipstream.com](http://worshipstream.com)]





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WORSHIPSTREAM

with Special Guest Kevin Weimer



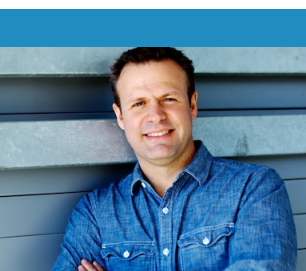


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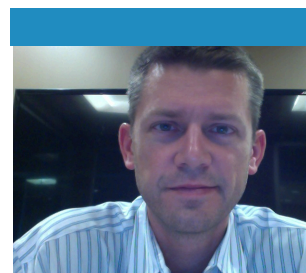




# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## The Big 4 Questions About Streaming

1. Who is streaming?
2. What is streaming?
3. Why do churches stream?
4. How does it work?

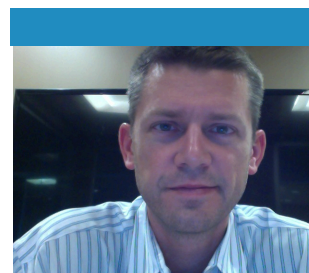




# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 1. Who Is Streaming?

- Big churches
- Small churches
- Home churches
- Bible studies
- Schools, city councils, funeral homes
- Simulcast events and conferences



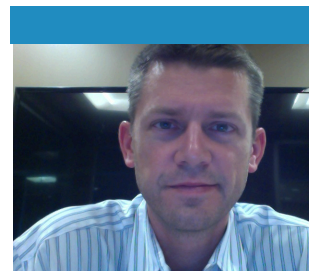


# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 2. What Is Streaming?

Streaming is simply a means to let people watch and/or listen to your service (or anything else!) online.

- a. It can be done LIVE or on-demand
- b. It is NOT downloading



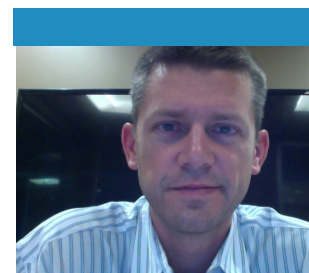


# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 3. Why Streaming?

Outreach / Broadcast – most efficient way to take your message beyond the walls of your church and around the globe.

- a. In-reach / Narrowcast
- b. Keep the church family connected



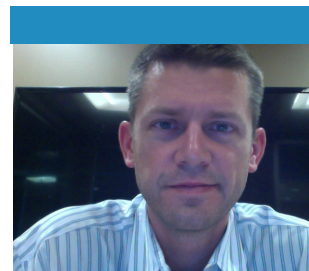




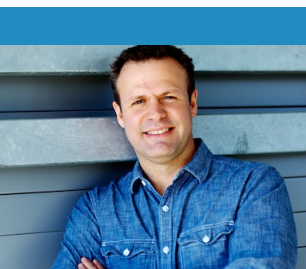
# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 3. Why Streaming?

- Keep families connected in the church
- Business travel
- Sick kids
- Vacation
- Keep families connected to each other
- Weddings, funerals, baptisms





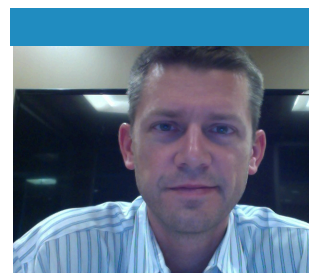


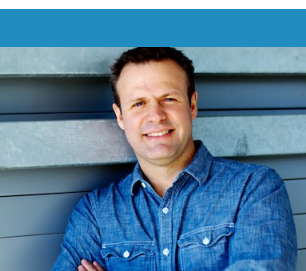
# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 4. How Does It Work?

Do you want to stream your services LIVE, or ON DEMAND?

They target and serve different people, yet both require video to effectively reach their target.



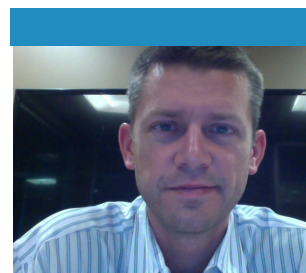


# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 4. How Does It Work?

What are the components you'll need?

- Video [camera(s)] and audio
- Computer with encoding software
- Internet connection



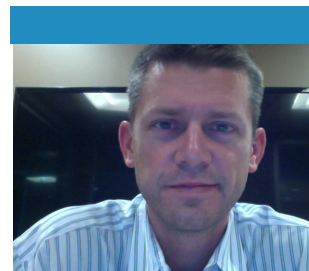


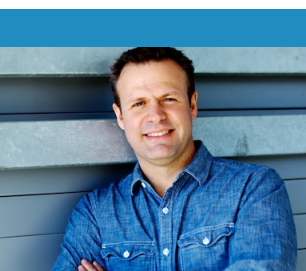
# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 4. How Does It Work?

### Video Cameras and Audio

- Video set up and hardware will determine audio set up
- Audio is usually easy to feed to the computer, camera, switcher or converter



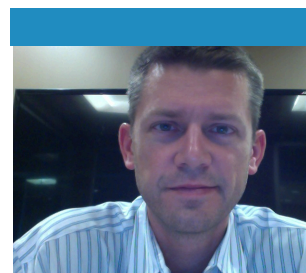


# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 4. How Does It Work?

Do you want to use one camera, or multiple cameras?

- Tip - Don't wait for the perfect broadcast setup to get started. Start somewhere.



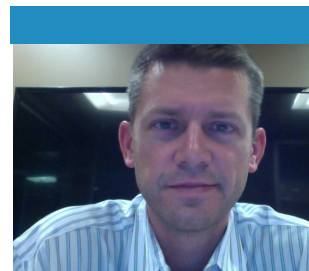


# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## 4. How Does It Work?

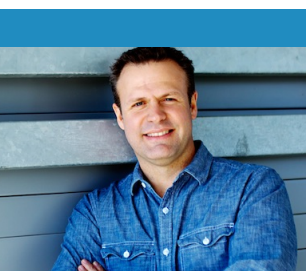
Computer With Encoding Software

- Mac or PC are both fine
- 2 most popular encoding options
  - Adobe's Flash Live Media Encoder - FREE
  - WireCast - \$495



with Special Guest Kevin Weimer





# HOW TO STREAM YOUR WORSHIP SERVICES ONLINE

Input 100% Output 100%

Encoding Options Encoding Log Preview: ☒ Input Video ☒ Output Video ☒ Audio

Preset: Custom

Panel Options: Output

☒ Video Device: FaceTime HD Camera (Built-in) Format: VP6 Frame Rate: 29.97 fps Input Size: 320x240 ☒ Maintain Aspect Ratio Bit Rate: 1 ☒ 300 Kbps 320 X 240 ☐ 200 Kbps 320 X 240 ☐ 200 Kbps 320 X 240 Crop Top 0 Bottom 0 Left 0 Right 0 Deinterlace Timecode

☒ Audio Device: Internal microphone Format: Mp3 Channels: Mono Sample Rate: 22050 Hz Bit Rate: 48 Kbps Volume: - + Total Video 1 + Audio Bit Rate: 348 Kbps Total bandwidth required to stream: 348 Kbps

☒ Stream to Flash Media Server FMS URL: rtmp://fso.lraq.6FD.edgecastcdn.net/29D/ Backup URL: Stream: HC?RQ3GQLS7T56ZPd1 Connect

☐ Auto Adjust ☐ Drop Frames ☒ Degrade Quality

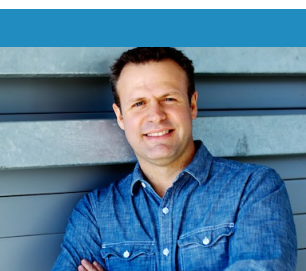
☒ Save to File: sample.flv Browse...

☐ Limit By Size 10 MB

☐ Limit By Duration 1 hrs 0 min

☐ DVR Auto Record Record

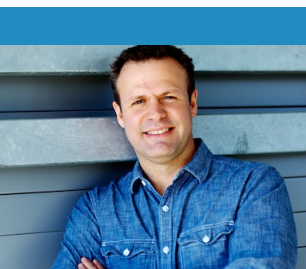
Start Stop



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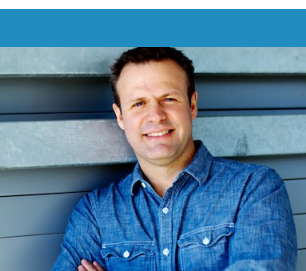






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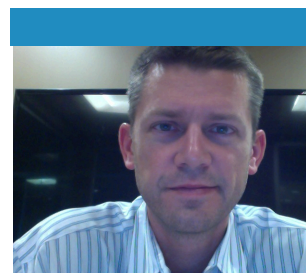


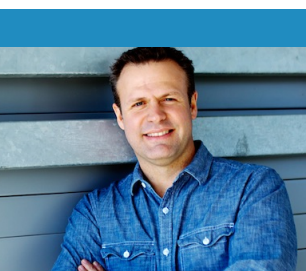


# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## How To Stream?

- Can be flexible – you set the bitrate
- Recommend at least 750kbps upload
- Check your connection – [speedtest.net](https://www.speedtest.net)





# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

## How To Stream?

You'll need some good equipment.

Roland has a great line of gear:

- a. VC30 – high-end converter box
- b. VR5 and VR3 – audio/video mixer/switchers for streaming

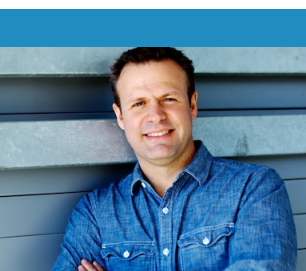


VR5



VR3

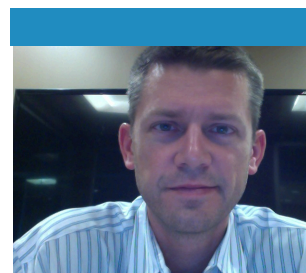




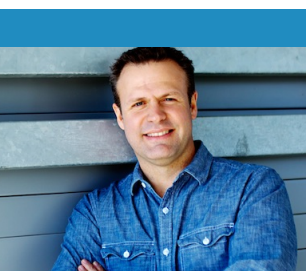
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## How To Stream?

If you're going with a major new system, find a professional quality AV integrator. (recommendations)







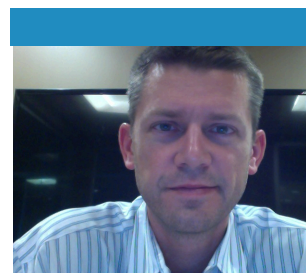
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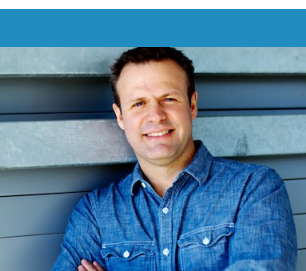
## How To Stream?

You'll also need "Licensing" in order to stream your worship music sets.


### **Two options:**

- a. Church Streaming and Podcast License from CCLI
- b. WorshipCast from Christian Copyright Solutions

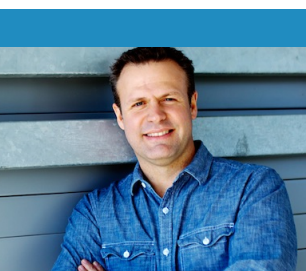




# HOW TO STREAM YOUR **WORSHIP** SERVICES ONLINE

 Church Streaming & Podcast License		
Category	Church Size	Annual Fee
AH	1-24	\$50
A	25-99	\$50
B	100-199	\$50
C	200-499	\$75
D	500-999	\$100
E	1,000-1,499	\$150
F	1,500-2,999	\$200
G	3,000-4,999	\$250
H	5,000-9,999	\$300
I	10,000-19,999	\$400
J	20,000-49,999	\$500
K	50,000-99,999	\$750

*Church size based on regular attendance at the main service(s). If multiple services, use combined attendance.*

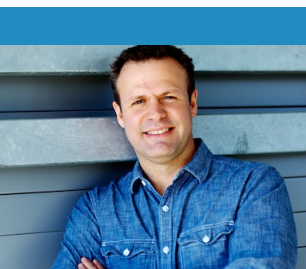


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Total Weekly Attendance	Annual Fee
1-499	\$500
500 and up	\$925





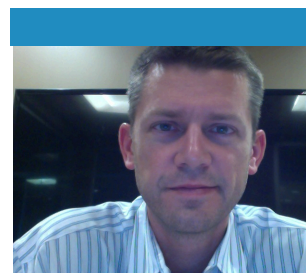
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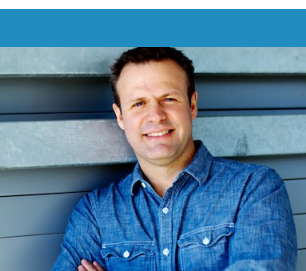
## How To Stream?

**Features** – what are you trying to accomplish?

**Support** – can you get help when you need it?

**Tech** - What is bandwidth and storage?





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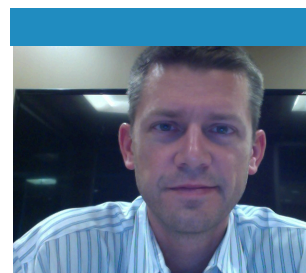
## A Special Gift from WorshipStream

For the first 10 people to email Kevin, referencing  
WorshipTraining and this webinar, at

[kevin@worshipstream.com](mailto:kevin@worshipstream.com)

You'll get a

**Full account** through the end of the year, just to try it.



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