

ARC-8

Advanced Radio Console family

Introductory Sale...

\$799

ARC-8X eight channel console \$1,200 msrp



a full featured, professional console for On-air Radio, Internet Radio, & Podcasting

- 10 source inputs: 2 mic, 7 stereo line, 1 PC USB
- 8 input channels
 - 2 high quality Mic channels (with optional 48VDC phantom power)
 - 5 stereo line input channels (with both unbalanced and balanced inputs)
 - Channel 8 is selectable between a PC USB sound card input & a stereo line input
- Stereo Program Mixing bus (with both balanced and unbalanced outputs)
- PC USB output of the Program bus for recording in digital direct to your PC
- Monitor, Headphone, and Cue system with External input for off air monitoring
- Cue system autocues (with Program dimming) into the Monitor & Headphone systems
- Balanced Mix minus Telephone output for interfacing with an external phone hybrid
- Conductive plastic slide faders & LED switch lamps for long life
- Polycarbonate overlay graphics for a scratch resistant front surface

With a single stereo mixing bus, the ARC-8 is ideal for fast paced live on air, production, and remote applications. Two mics supports a host and guest talk format. The mix minus bus (for an external hybrid) supports Telephone talk formats or call ins. The 'Talk' button on mic channel one feeds the mic to the caller and the caller to the console cue system... fast and easy! The ARC-8 even has a built in PC USB sound card on channel 8B to play in digital directly from your favorite PC audio software. At the same time, the Program output from the console records in digital over the USB directly to your PC recording software. Arrakis even provides 'Digilink-Xtreme' software with the system to get you on air & doing production immediately. The ARC-8 is also easy to install with BOTH professional balanced and consumer unbalanced input & output jacks. The ARC-8 is ideal for any on air or production radio application !

powerful, flexible, easy to install, and low cost

Operational features

CH 3 A/B switch

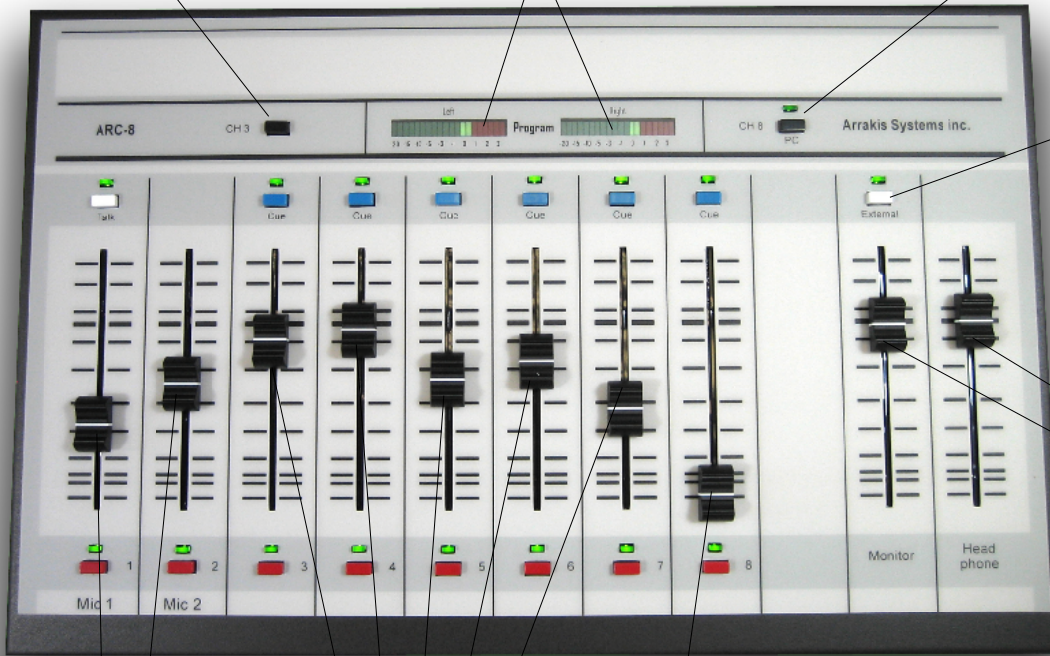
select between an unbalanced or balanced source input

VU Meters

LED VU meters with accurate VU ballistics for the main Program bus

CH 8 A/B switch

select between a stereo line level input and an internal PC USB soundcard



Monitor Input Selector

selects an External audio input (such as off air) as the source for the Monitor & Headphone systems

Monitor & Headphone Level Controls

slide faders for control of monitoring level

Two Mic channels

For normal on air talent or a Host and Guest talk format.

Channel one features a 'Talk' button to talk to the phone hybrid.

Five line channels

For CD players, MP3 players, and other analog sources.

Channels 3-7 have BOTH unbalanced and balanced stereo input jacks

PC channel

The 'B' input on channel 8 is an internal PC USB sound card for playing directly in digital from a Windows PC.

The 'A' input is an RCA unbalanced consumer level input.

Phone channel Seven

Channel 7 can be used as a Telephone input and generates a Mix-minus output to be connected to an external phone hybrid. Turn the Cue button on to listen off-line to the caller. Push the Talk switch on the Mic one channel to use the Control room mic to talk off-line to the caller. To place the caller on air just turn the channel on.

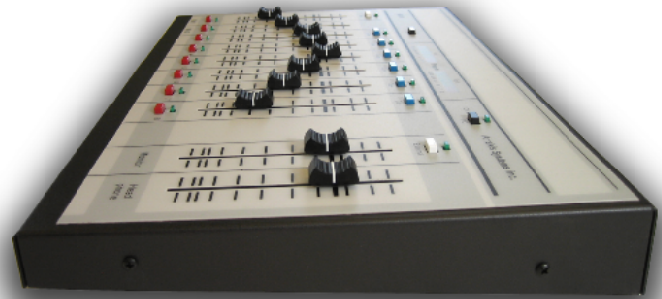
Auto-cue into the Monitor and Headphone systems

The ARC-8 features a cue system that plays through the monitor and headphone systems. To cue a channel, depress the cue switch. The Program audio in the Monitor speakers will dim and the Cue audio from the cue'd channel will play through the monitor speakers and through the headphones.

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Attractive and durable

The ARC-8 console is compact and durable for professional Radio applications. The 0.059" steel chassis is extremely strong and well finished with two part epoxy paint. The front panel graphics are on the reverse side of a beautiful polycarbonate overlay for scratch resistance and long life. The switches have LED lighted indicators to clearly display switch status. The power supply is an external auto-sensing 90-240VAC module to support domestic and international applications.



Side View

Only 2" high and less than 12" deep the ARC-8 fits in compact spaces



With industry standard plug in connectors on the rear panel, the console is fast and easy to install.

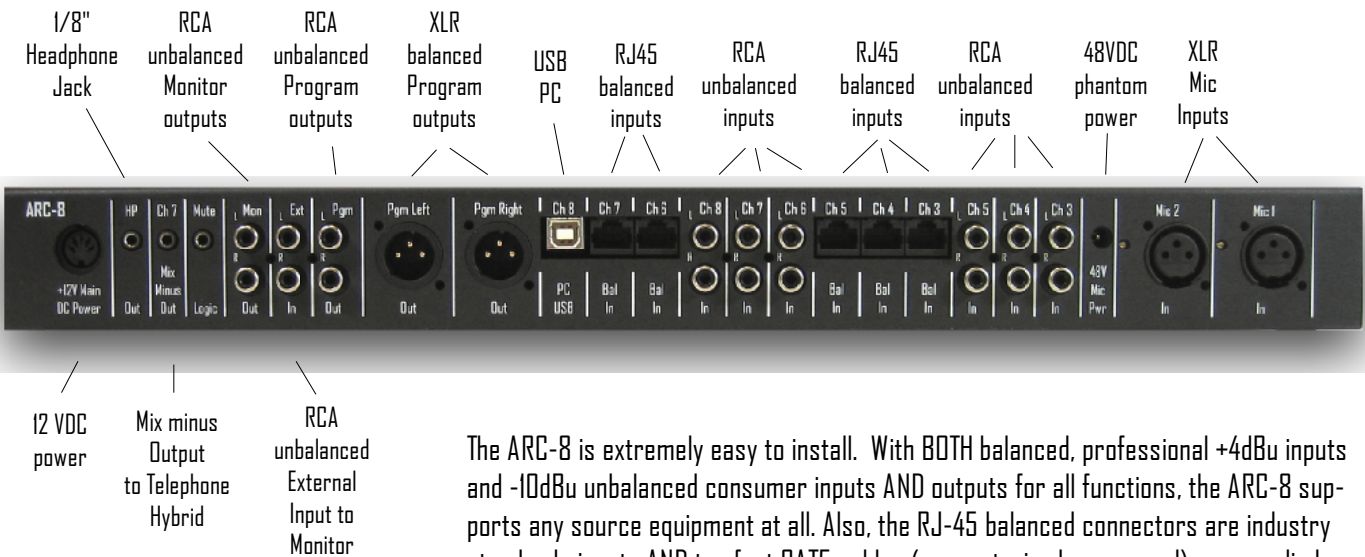
Rear profile



Front View

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Back panel Diagram



The ARC-8 is extremely easy to install. With BOTH balanced, professional +4dBu inputs and -10dBu unbalanced consumer inputs AND outputs for all functions, the ARC-8 supports any source equipment at all. Also, the RJ-45 balanced connectors are industry standard pinouts AND ten foot CAT5 cables (connectorized on one end) are supplied with the console. So half of your balanced audio wiring is already done for you.

Digilink-Xtreme Software for ARC consoles

This software is provided standard with the ARC-8 console. It is designed for Live On Air play, basic automation, & radio production. It is specifically designed to be easy to use !

- 500 event Play List for assembling a show (play lists may be created, saved to file, and then reloaded for playback)
- Cue audio files while playing On Air (uses PC sound card for 2nd play)
- Jingle box supports playing any 3 of up to 300 carts at the touch of a button
- Set the fade parameters on Songs for perfect crossfades in the Play List
- Record the ARC-8 console Program bus mix direct to the PC
- Phoner recorder / editor for recording callers
- supports thousands of audio files in the Library
- much much, more...

Download Xtreme from the Arrakis website and try it out (www.arrakis-systems.com)



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Specifications

Electronic	
Stereo Line Input	
Freq Response-	+(-).5dB 20-20kHz
S/N-	-82dB typ, +8dBu in, +8 dBu out
THD-	.01% typ, +8dBu in, +8 dBu out
CMRR-	-75dB typ 1kHz
Max Input-	+23dBu, balanced
Mono Mic Input	
Freq Response-	+(-).5dB 20-20kHz
EIN-	-115dBu typ, -50dBu in, +8 dBu out
THD-	.05% typ, -50dBu in, +8 dBu out
CMRR-	-60dB typ 1kHz
Impedances	
Mic Input-	> 2000 ohms
Line Input-	> 10000 ohms
Outputs-	< 100 ohms
System	
Max Output-	+23dBu balanced
Stereo Separation-	-75dB typ 1KHz
Cue to Pgm XTalk-	-90dB typ 1KHz
	-75dB typ 20kHz
On Air Light Logic:	reed relay closure, 50mA max
Source Start Logic:	none
Mic Turret Logic:	none
Power Supply	
110vac - 220 VAC, 50-60 hz, autosensing	
Certified: UL, CE, CS, CB	
External inline module: 3"W x 5 3/4"L x 1 3/4"D	
Physical Specifications	
Dimensions -	Depth - 11 1/2",
	Height - 2"
	Width- 18"

Products and accessories

ARC-8X	eight channel analog console	\$1,200 msrp
ARC-48V	48V phantom power option for all ARC consoles	\$69 msrp
ARC-XLR	RJ45 to dual XLR cable for balanced RJ45 inputs (10 ft)	\$29 msrp

Warranty: 1 year limited

Specifications subject to change without notice



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