

Arrakis Radio Consoles

feature comparison catalog



ARC-10



ARC-8



MARC-15

all prices and specifications
subject to change
without notice



ARC-8

the prices in this document
are at 'List Price' and do not
include any sales that may be
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website for current Sale or
special Promotion information

ARRAKIS
advanced radio

effective 10/1/2009

ARC-8, 10, & 15 series consoles

The ARC consoles are our most cost effective and yet feature laden radio console line. They support 2-5 mics, one external phone hybrid, and a PC USB interface. They come in unbalanced and balanced models. All switches are LED lighted and the consoles easily install with rear panel connectors. On the ARC-10 and ARC-15 consoles, audio switching is electronic. Those models also feature an internal cue speaker and drive 8 ohm headphones.

Features

- Very compact design
- Rear connectors for quick install
- One 'Advanced' Phone channel (for an external hybrid)
- PC sound card channel with On Air software
- All electronic switching (ARC-10 & ARC-15)
- No incandescent light bulbs (all LEDs)
- Balanced and unbalanced models
- Optional Phantom power for microphones
- Internal cue speaker (ARC-10 & ARC-15)
- 8 ohm headphone driver (ARC-10 & ARC-15)
- Up to 5 mics on ARC-15 (2 on ARC-8 and ARC-10)
- 1 Year warranty

MARC-15 modular console

The MARC-15 is modular for expansion and repair. It supports up to 15 channels with 30 inputs. It has 3 output buses and supports a control room and a studio. The MARC-15 also features two phone modules where the callers may speak to each other. All audio inputs and outputs are balanced for performance.

Features

- Modular mainframe
- Expandable by adding modules
- Module replacement for fast service
- 3 stereo output busses (Program/Audition/Utility)
- Control Room monitor & Studio monitor modules
- Supports 2 external phone hybrids (w MARC-PHN)
- Option modules (PC-USB, STM, PHN)
- All audio inputs and outputs are balanced
- No incandescent light bulbs (all LEDs)
- Timer



easy access for installation and calibration

DESCRIPTION	ARC-8	ARC-10	ARC-15	MARC-15
Features				
Modular	---	---	---	Yes
Audio switching	mechanical	electronic	electronic	electronic
# of Channels	8	10	15	8 to 15
Total Inputs	10	10	15	up to 30
Output Buses	1	2	2	3
Phone buses	1	1	1	2
Price	\$1,200	\$1599-2495	\$3,495	\$4,999 & up
Input channels				
Inputs per Channel	1	1	1	2
Mic channels	2	2	1-5	MIC module
Analog Line inputs	6	6	10-14	STL module
Digital	1	1	1	USB module
Audio	PC USB	PC USB	PC USB	PC USB
Logic (PC control)	---	Yes	Yes	Yes
Phone	1	1	1	2
Hybrid logic	---	Yes	Yes	Yes
Source logic	---	IC	IC	Reed relay
Mic Turret Logic	---	---	---	Yes
Output buses				
Program	Balanced	Bal & Unbal	Bal & Unbal	Balanced
Audition	---	Unbal	Unbal	Balanced
Utility	---	---	---	Balanced
Mono mix	---	P/A unbal	P/A unbal	P/A/U bal
Mix minus buses	1	1	1	2
Control Room Monitor				
External Inputs	1, unbal	1, unbal	1, unbal	1, balanced
Output (bal vs unbal)	unbal	unbal	unbal	balanced
Studio Monitor				
Output (bal vs unbal)	---	unbal	unbal	balanced
Stu monitor selector	---	CR mon	CR mon	STM module
Cue				
Autocue to Monitor	Yes	---	---	---
Output to Ext Amp	---	---	---	mono/unbal
Internal Cue speaker	---	Yes	Yes	Yes
Headphone output				
	hi-Z	8 ohm amp	8 ohm amp	bal & 8 ohm
Muting buses				
	1	1	1	2
Talkback				
	---	Audio & Logic	Audio & Logic	Audio & Logic
Audio Meters				
	LED	2 VU	4 VU	6 VU
Timer				
	---	---	---	Yes

- 1) Balanced or bal = active balanced analog input or output
- 2) Unbal = unbalanced -10dBu input or output
- 3) PC-USB is a Windows compatible audio soundcard internal to the console

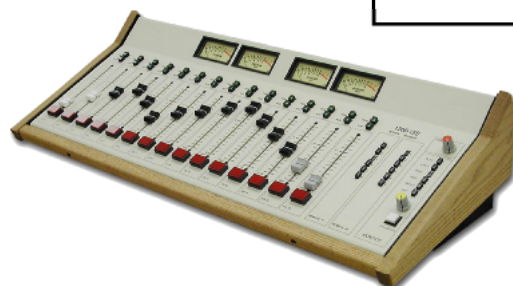
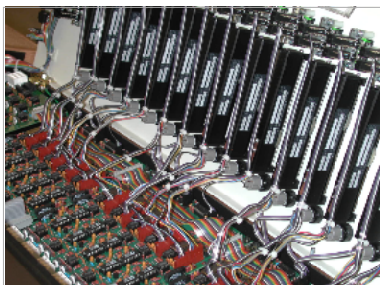
The 1200 series of Radio consoles cost a little more, but are designed for the maximum in long life and the ultimate in durability. Despite the use of extremely high quality Panny and Giles slide faders, the consoles feature VCAs (voltage controlled amplifiers) so that audio is controlled electronically, and is not on the fader. This eliminates fader noise as the faders age. All audio switching is performed on 20 million operation reed relays. The channel on-off switches are large, rugged, 5 million operation switches that can be engraved with source names. The source start logic is on fully isolated reed relays to eliminate ground loops and 60 cycle hum. It has 6 input remote selector switches to bring extra sources into the console. The console even features a clamshell design that opens for easy access for service, level calibration, and wiring from the front of the console. The 1200 family of radio consoles are the ultimate in performance and reliability for professional Radio console applications.

Features

- Very compact console for small spaces
- Any channel can be mic or line
- One 'Simple' phone channel (for an external phone hybrid)
- VCAs so no audio on any fader
- Penny and Giles slide faders
- Clamshell design for service from top
- Plug-in Faders
- Internal connectors for hidden wiring
- Balanced Program and Audition bus outputs
- Balanced Mono mix outputs
- Remote select switches for more inputs
- Relay isolated start logic
- 2 year warranty



easy access
for installation
and calibration



FEATURES	1200-5	1200-10	1200-15
Analog/Digital	Analog	Analog	Analog
Modular	---	---	---
# of Channels	5	10	15
Total Inputs	10	20	25
Output Buses	1	2	2
Phone buses	1	1	1
Price	\$2,495	\$3,995	\$4,995
Inputs per Channel			
Mic channels	Any	Any	Any
Analog Line inputs	Any	Any	Any
Digital	---	---	---
Phone	1	1	1
Remote inputs	1 x 6	2 x 6	2 x 6
Source logic	Reed relay	Reed relay	Reed relay
Output buses			
Program	Balanced	Balanced	Balanced
Audition	---	Balanced	Balanced
Utility/Mono	---	---	---
Mono mix	P/A bal	P/A bal	P/A bal
Mix minus buses	1	1	1
Control Room Monitor			
External Inputs	2, bal	2, bal	2, bal
Out balanced/unbal	unbal	unbal	unbal
Studio Monitor			
Stu mon selector	CR mon	CR mon	CR mon
Cue			
Autocue to Monitor	Yes	Yes	Yes
Output to Ext Amp	mono/unb	mono/unb	mono/unb
Internal Cue speaker	---	---	---
Headphone output			
Muting buses	1	1	1
Talkback	In w lgc	In w lgc	In w lgc
VU Meters	2	4	4
Timer	No	No	No

1) Balanced or bal = active balanced analog output or input
2) Unbal = unbalanced -10dBu output or input

Nova digital console

The Nova console is the most cost effective digital console in the Arrakis lineup. It has 2 digital input channels and a digital Program output. The analog inputs are unbalanced consumer level for ease of installation.

Features

- Digital electronics
- Optimized for Consumer sources
- Easy to install consumer RCA connectors
- Panny and Giles Faders
- Both Analog and Digital Pgm bus outputs
- 2 mic inputs
- 6 stereo line inputs
- 2 digital inputs
- 2 'Advanced' phone channels (for 2 external hybrids)
- No incandescent lamps (all LEDES)
- 1 year warranty

Xmixer series digital console

The X-mix-14-14 has 14 inputs: 2 digital and 12 analog. The X-mix-14-22 has 22 inputs: 10 digital and 12 analog. The console features three mixing buses: Pgm, Aud, & Mono. Each bus has both analog and digital outputs. The console features Penny and Giles slide faders, 20 million operation switches, and 5 million operation on-off switches for professional level reliability.

Features

- Digital electronics
- 3 output buses (P/A/Mono)
- Outputs are both analog and digital
- One 'Advanced' Phone channel (1 hybrid)
- 2 mics (X-mix-14), 4 mics (X-mix-22)
- Timer
- Clamshell design
- Internal connectors
- 1 Year warranty

FEATURES	NOVA	XMix14-14	XMix14-22	Rev12P	Rev12C	Rev18C	Rev18X
Analog/Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Modular	---	---	---	---	Yes	Yes	Yes
# of Channels	10	14	14	12	12	18	18
Total Inputs	10	14	22	24	32	24	40
Output Buses	1	3	3	3	3	3	3
Phone buses	2	1	1	2	2	2	2
Price	\$2,795	\$5,995	\$6,995	\$4,495	\$7,995	\$8,795	\$9,995
Inputs per Channel	1	1	1	2	2	1 or 2	1 or 2
Mic channels	2	2	4	5	5	5	5
Analog Line inputs	4	10	8	12 (A)	12 (A)	12 (A)	12 (A)
Digital	2	2	10	12 (B)	12 (B)	12 (B)	12 (B)
Phone	2	1	1	2	2	2	2
Remote inputs	---	2 x 6	2 x 6	---	2 x 6	---	4 x 6
Source logic	Xister gnd	Xister gnd	Xister gnd	Xister gnd	Xister gnd	Xister gnd	Xister gnd
Output buses	1	3	3	3	3	3	3
Program	AES/Unbal	AES/bal	AES/bal	AES/bal	AES/bal	AES/bal	AES/bal
Audition	---	AES/bal	AES/bal	AES/bal	AES/bal	AES/bal	AES/bal
Utility/Mono	---	Mono-bal	Mono-bal	AES/bal	AES/bal	AES/bal	AES/bal
Mono mix	---	---	---	P/A/U bal	P/A/U bal	P/A/U bal	P/A/U bal
Mix minus buses	2	1	1	2	2	2	2
Control Room Monitor							
External Inputs	1, unbal	1, bal	1, bal	2, bal	2, bal	2, bal	2, bal
Out balanced/unbal	unbal	bal	bal	bal	bal	bal	bal
Studio Monitor	---	---	---	bal	bal	bal	bal
Stu mon selector	---	---	---	Stu sel	Stu sel	Stu sel	Stu sel
Cue							
Autocue to Monitor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output to Ext Amp	mono/unb	mono/unb	mono/unb	mono/unb	mono/unb	mono/unb	mono/unb
Internal Cue speaker	---	---	---	---	---	---	---
Headphone output	unbal	bal	bal	bal	bal	bal	bal
Muting buses	1	1	1	2	2	2	2
Talkback	I-O w lgc	I-O w lgc	I-O w lgc	I-O w lgc	I-O w lgc	I-O w lgc	I-O w lgc
VU Meters	2	5	5	6	6	6	6
Timer	No	Yes	Yes	Yes	Yes	Yes	Yes

- 1) Balanced or bal = active balanced analog output or input
- 2) Unbal = unbalanced -10dBu output or input
- 3) Digital = AES3 digital output or input

Revolution series digital console

The Rev features a control surface and rack mount digital engine. The rack mount engine can be placed up to 100 feet from the console. The Rev also features PC console software and Talk studio turret software.

Features

- Digital electronics
- 3 'stereo' output buses (P/A/U)
- 2 'Advanced' phone channels (for 2 external hybrids)
- 5 mics
- Timer

- 6 channel wide modules for service
- Rack engine can be away from console
- Full control room and studio monitoring
- Turret software for touchscreen
- PC console software
- 1 Year warranty