

# StudioHub+ Solutions for Arrakis ARC-10 and ARC-15 Consoles

Arrakis ARC consoles come pre-equipped with RJ-45 connectors pinned-out to the StudioHub+ audio standard. To benefit fully from StudioHub+ plug-n-play connectivity, select from these pre-made cables, adapters and Hubs.

## To wire Arrakis with StudioHub+ →

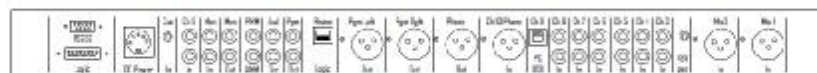
### Arrakis ARC-10 and 15 Consoles

The ARC-15 and ARC-10 radio console are general purpose consoles that meet the needs for most On Air Radio & Radio Production studio applications. Channels One - Five can be internally selected as either mic or stereo line channels. This is ideal for talk studio applications. Channel fifteen is an advanced telephone interface to an external hybrid for Live callers or an Off-line contest call. Channel fourteen can even be configured with a Windows PC USB interface for use with Live On Air, Automation, & Production software. LED lighted, switches; long life faders; and electronic switching of all audio signal paths; the ARC-15 and ARC 10 are a rugged, reliable, and versatile console for professional Radio studio applications.



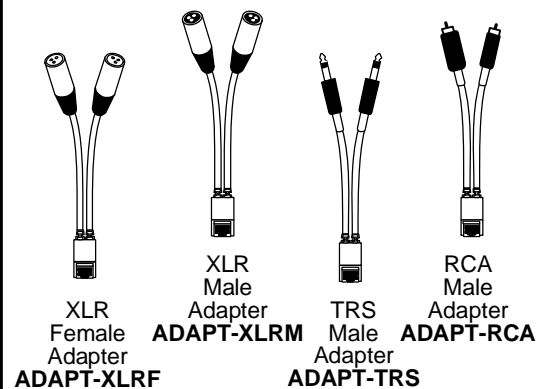
ARC-15 Back-panel

Back panel Diagram for ARC-10U (unbalanced base model) & ARC-10UP (unbalanced with PC model)



Note: all XLR inputs and outputs feature multi-turn trimpot level adjust

ARC-10BP (balanced with PC model)



XLR Female Adapter ADAPT-XLRF  
XLR Male Adapter ADAPT-XLRM  
TRS Male Adapter ADAPT-TRS  
RCA Male Adapter ADAPT-RCA

| Cable Length             | Part #    |
|--------------------------|-----------|
| RJ-45 Patch Cable - 1'   | Patch-1   |
| RJ-45 Patch Cable - 2'   | Patch-2   |
| RJ-45 Patch Cable - 3'   | Patch-3   |
| RJ-45 Patch Cable - 5'   | Patch-5   |
| RJ-45 Patch Cable - 7'   | Patch-7   |
| RJ-45 Patch Cable - 10'  | Patch-10  |
| RJ-45 Patch Cable - 12'  | Patch-12  |
| RJ-45 Patch Cable - 15'  | Patch-15  |
| RJ-45 Patch Cable - 20'  | Patch-20  |
| RJ-45 Patch Cable - 25'  | Patch-25  |
| RJ-45 Patch Cable - 35'  | Patch-35  |
| RJ-45 Patch Cable - 50'  | Patch-50  |
| RJ-45 Patch Cable - 75'  | Patch-75  |
| RJ-45 Patch Cable - 100' | Patch-100 |
| RJ-45 Patch Cable - 125' | Patch-125 |
| RJ-45 Patch Cable - 150' | Patch-150 |

Select separate various length CAT-5 shielded patch cords and XLR and TRS adapters to wire directly to source gear



CAT-5 Patch Cable

Note - select appropriate length cable for each audio input or output and connect to gear or StudioHub+ plate directly, via a connector adapter (below) or via a Hub.

## STEP-1 ← OR → STEP-2

We recommend you select an appropriate size Discounted patch and adapter package for each console.



**Mini Adapter Kit** ADAPT-MN  
w/ 20 Adapters  
5 each - RJ-45 to XLRF adapters and XLRM adapters  
5 each - 1/4" TRS and bare end adapters

**Small Adapter Kit** ADAPT-KITSM  
w/ 40 Adapters  
10 each - RJ-45 to XLRF adapters and XLRM adapters  
10 each - 1/4" TRS and bare end adapters

**Medium Adapter Kit** ADAPT-KITMD  
w/ 60 Adapters  
15 each - RJ-45 to XLRF adapters and XLRM adapters  
15 each - 1/4" TRS and bare end adapters



**Mini Patch Cable Kit** PATCH-KITMN  
w/ 20 Patch Cables  
1 each - 1', 2', 3', 20', 25' Patch Cables  
3 each - 5', 7', 10', 12', 15' Patch Cables

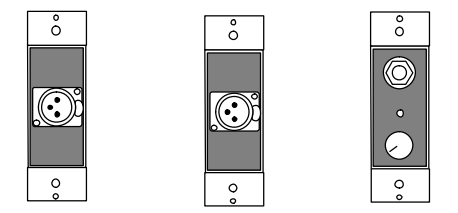
**Small Patch Cable Kit** PATCH-KITSM  
w/ 35 Patch Cables  
2 each - 1', 2', 3', 20', 25' Patch Cables  
5 each - 5', 7', 10', 12', 15' Patch Cables

**Medium Patch Cable Kit** PATCH-KITMD  
w/ 55 Patch Cables  
3 each - 1', 2', 3', 20', 25' Patch Cables  
8 each - 5', 7', 10', 12', 15' Patch Cables

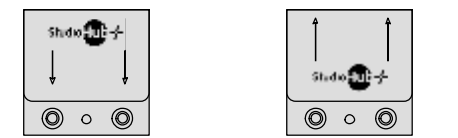
This page features the StudioHub+ items custom made for Arrakis as well as the most popular StudioHub+ solutions for all your studio wiring. For the complete line of StudioHub+ solutions with hundreds of other wiring products, see <http://www.studiohub.com>

## STEP-3

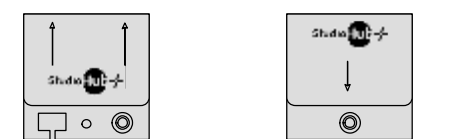
Select various connector plates and MatchJack in-line amplifiers to interface to source gear



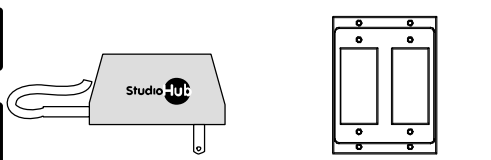
XLR Female Mic Jack (passive) p/n SH-1XLRF  
XLR Female Mic Pre-Amp (powered) p/n SH-MIC  
Head Phone Amp (powered) p/n SH-HP



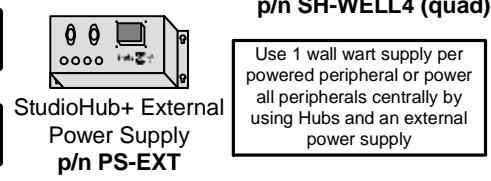
MatchJack Pre-Amp In (powered) p/n MJ-IN  
MatchJack Pre-Amp Out (powered) p/n MJ-OUT



MatchJack S/PDIF to AES/EBU Converter (powered) p/n MJ-SPDIFIN  
MatchJack AES/EBU to S/PDIF Converter (passive) p/n MJ-SPDIFOUT



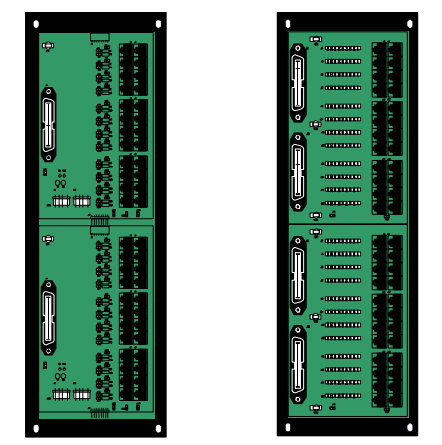
Wall Wart External Power Supply p/n PS-WW  
Plate Table "Well" Mounts p/n SH-WELL1 (single), p/n SH-WELL2 (dual), p/n SH-WELL3 (triple), p/n SH-WELL4 (quad)



StudioHub+ External Power Supply p/n PS-EXT  
Use 1 wall wart supply per powered peripheral or power all peripherals centrally by using Hubs and an external power supply

## STEP-4 (optional)

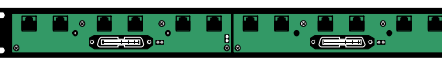
Add Tie-Hubs and 25-pair CAT-5 cables to extend analog and digital audio signals to other studios or master control



24 Channel Tie-Line Hub 4-wire w/DC Link p/n TIE24-4 DC  
24 Channel Tie-Line Hub 8-wire w/110 Blocks p/n TIE24-8



6 Channel Mini Tie-Line Hub / 8-wire p/n MINITIE6-8



12 Channel Mini Tie-Line Hub / 4-wire p/n MINITIE12-4

Note - all Tie-Hubs are available with 4-wire (2 pair) or 8-wire (4 pair) connectivity and in full (24 channel) or half (12 channel) sizing



CAT-5 25 Pair Tie-Line

| Cable Length       | Part #      |
|--------------------|-------------|
| RJ-21 Cable - 10'  | RJ21TIE-10  |
| RJ-21 Cable - 15'  | RJ21TIE-15  |
| RJ-21 Cable - 25'  | RJ21TIE-25  |
| RJ-21 Cable - 50'  | RJ21TIE-50  |
| RJ-21 Cable - 100' | RJ21TIE-100 |
| RJ-21 Cable - 150' | RJ21TIE-150 |
| RJ-21 Cable - 200' | RJ21TIE-200 |
| RJ-21 Cable - 250' | RJ21TIE-250 |

AUDIO