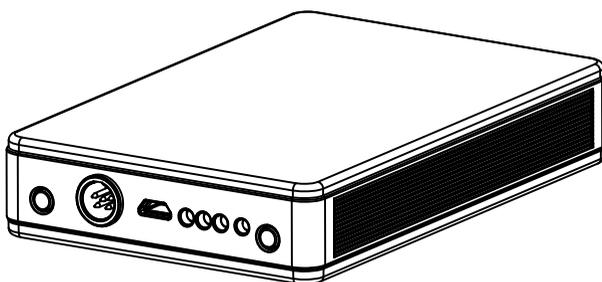# K2 Wifi & WDMX Interface

Battery-powered Wi-Fi / W-DMX hub

SHOWPRO

www.showtech.com.au

USER MANUAL

INTRODUCTION

K2 is a battery-powered Wi-Fi / W-DMX hub that puts the power of handheld lighting control within reach.

FEATURES

- Ultra-compact battery-powered Wi-Fi + W-DMX control interface
- Provides cable-free control of APOLLO and other W-DMX-equipped fixtures
- Built-in battery allows more than 8 hours continuous operation
- Enables handheld lighting system control via Koala smartphone apps
- Conveniently connect to wired cable runs with XLR tail accessory
- W-DMX G4 Transceiver onboard and native Koala iphone App wi-fi compatibility
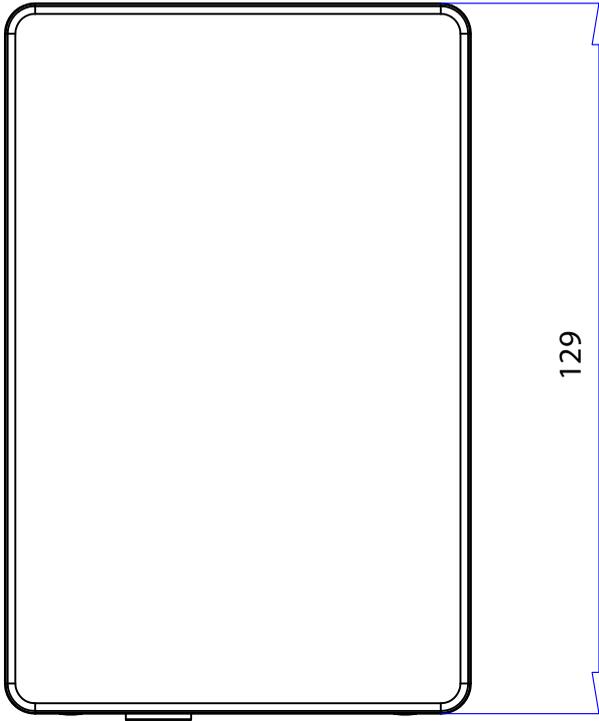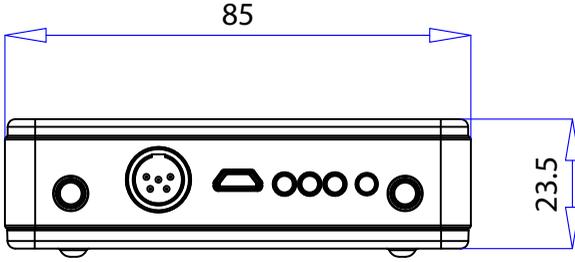
FUNCTIONS & SPECIFICATIONS

Protocol:	W-DMX and Wi-Fi
Input voltage:	5V DC
Output voltage (to battery):	3.7V DC
Power connections:	Micro USB
Data connections:	Wireless
Housing:	Plastic
Finish:	Matte black
IP rating:	IP20
Dimensions:	129 x 85 x 25 mm
Weight:	0.25 KG
Wi-Fi transmission:	up to 80 meters
W-DMX transmission:	up to 200 meters
Charging time:	5.5 hours
Operating time:	up to 8 hours per charge

PACKAGE CONTENTS

- K2 Wi-Fi/W-DMX hub
- USB-to-micro-USB charging cable
- XLR adapter cable (DMX In/Out)
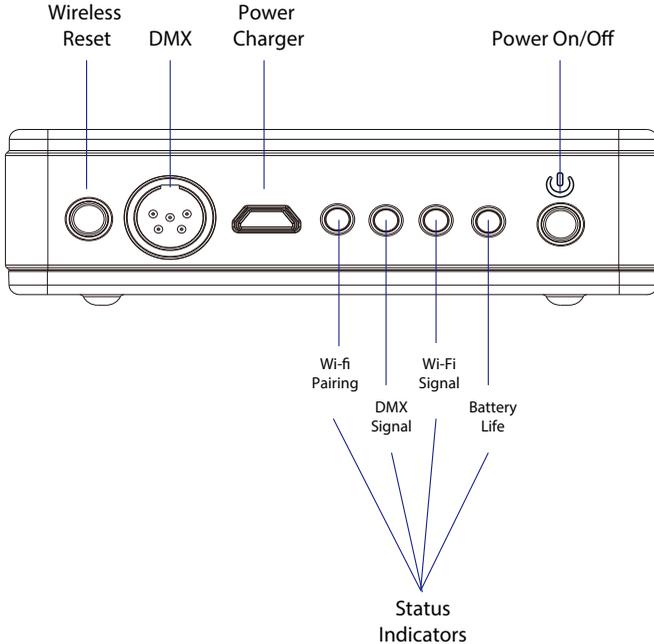- Carrying case
- Warranty Card
- User Manual

DIMENSIONS

85

23.5

129

K2 Wifi & WDMX Interface

OVERVIEW (cables)

XLR adapter cable (DMX IN/OUT)

Charging cable (USB to micro USB)

OVERVIEW

Wireless Reset   DMX   Power Charger   Power On/Off

Wi-fi Pairing   Wi-Fi Signal

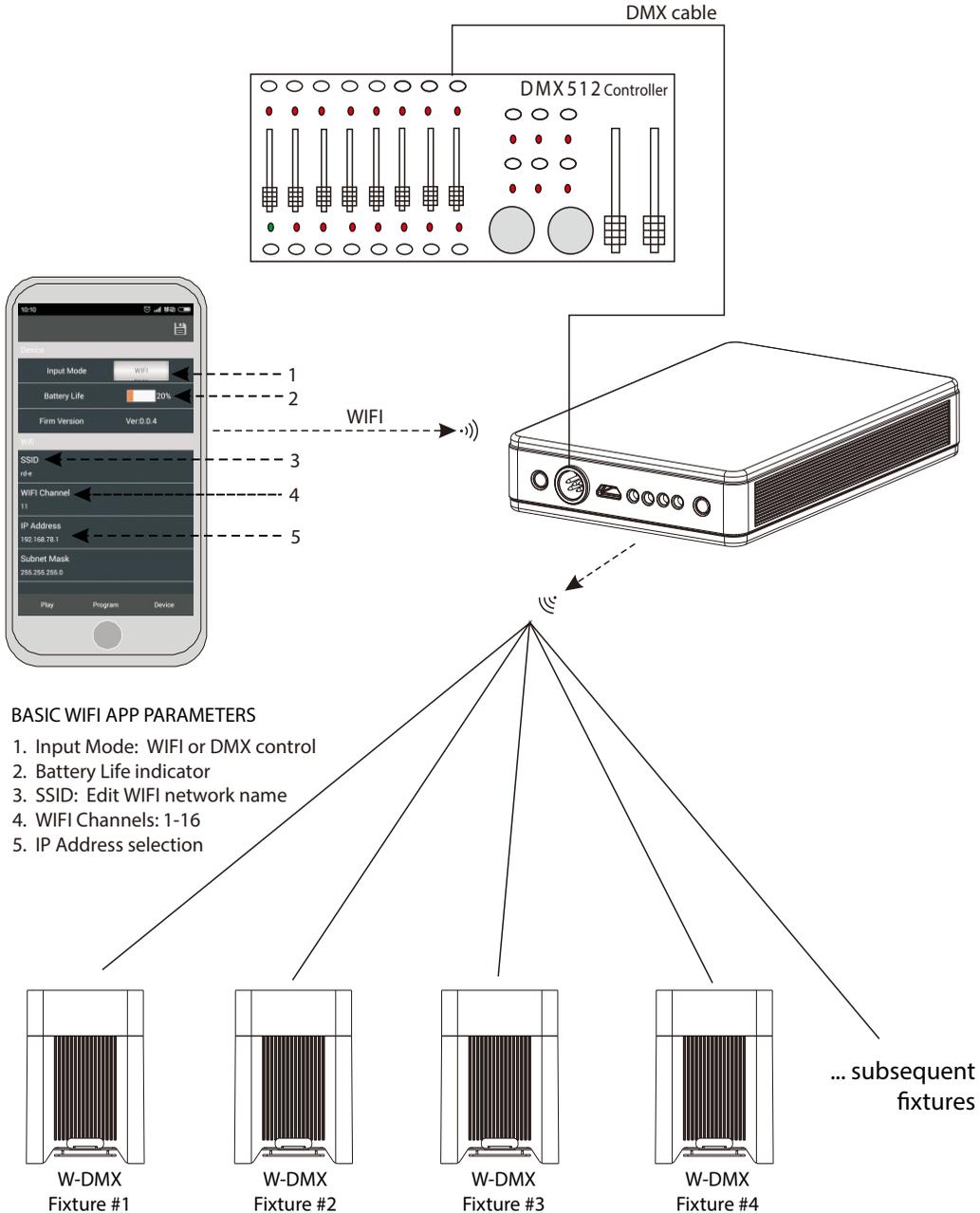DMX Signal   Battery Life

Status Indicators

I. BUTTON FUNCTIONS

1. Wireless Reset Button: press to initiate pairing with wireless devices
2. Power On/Off: press 3 seconds to turn power on/off
3. Power On/Off + Wireless Reset: press simultaneously to switch between wired DMX and WIFI modes

II. STATUS INDICATORS

1. Battery Life color key (green ~ orange ~ red):
    Green: Battery life is between 50%-100%
    Orange: Battery life is between 20%-50%
    Red: Battery life is below 20%
    Flashing: Charging

2. Wi-Fi signal (blue):
    Steady on: receiving wifi signal
    Flashing: no wifi signal detected

3. DMX signal (red):
    Steady on: receiving DMX signal
    Flashing: no DMX signal detected

4. Wireless pairing (orange):
    Press Wireless Reset: indicator flashes 5 seconds during pairing

K2 Wifi & WDMX Interface

ILLUSTRATION of WIFI or DMX CONTROL

DMX cable

DMX 512 Controller

WIFI

1. Input Mode — WIFI
2. Battery Life — 20%
3. SSID
4. WIFI Channel
5. IP Address

BASIC WIFI APP PARAMETERS

1. Input Mode: WIFI or DMX control
2. Battery Life indicator
3. SSID: Edit WIFI network name
4. WIFI Channels: 1-16
5. IP Address selection

... subsequent fixtures

W-DMX Fixture #1

W-DMX Fixture #2

W-DMX Fixture #3

W-DMX Fixture #4