

# NIPROS

## Studio Build-up Unit HDS-300N

### Camera Conversion System

#### 300N-B Basic Package

#### 300N-EM Multi-core Package

#### 300N-PL Optical Fiber Package

*Perfect Combination with Panasonic AG-HPX255!*



Multi-core Package with AG-HPX255

With Panasonic AG-HPX255



With Shoulder type Camcorder



### Main Features & Specifications;

- Professional studio build-up mechanism designed for compact handheld or shoulder type camcorder.
- Robust & simple frame with aluminum die-cast chassis
- Professional and versatile functions with wide range of optional equipment provide you broadcast/professional functions to enhance up-to studio camera operation.
  - \* High grade View Finder Option available; HDF-700SKN
  - \* Lens control available with AS-1PN for zoom and FR-P1N for focus/iris\*
  - \* Simple on monitor signal switching for camera or return
  - \* Able to choose camera signal conversion multi-core or optical fiber according to your budget or system application.
- Simple/Easy set-up and connection
- Size ( WxDxH ) ; 510mmx285mmx300mm, Weight; approx. 5.3Kgs
- Applicable Camcorder; in addition to AG-HPX255 ,both of P2 and AVCCAM, Handheld and Shoulder type applicable



Aluminum die-cast chassis



Slide mechanism for easy connection



Air View

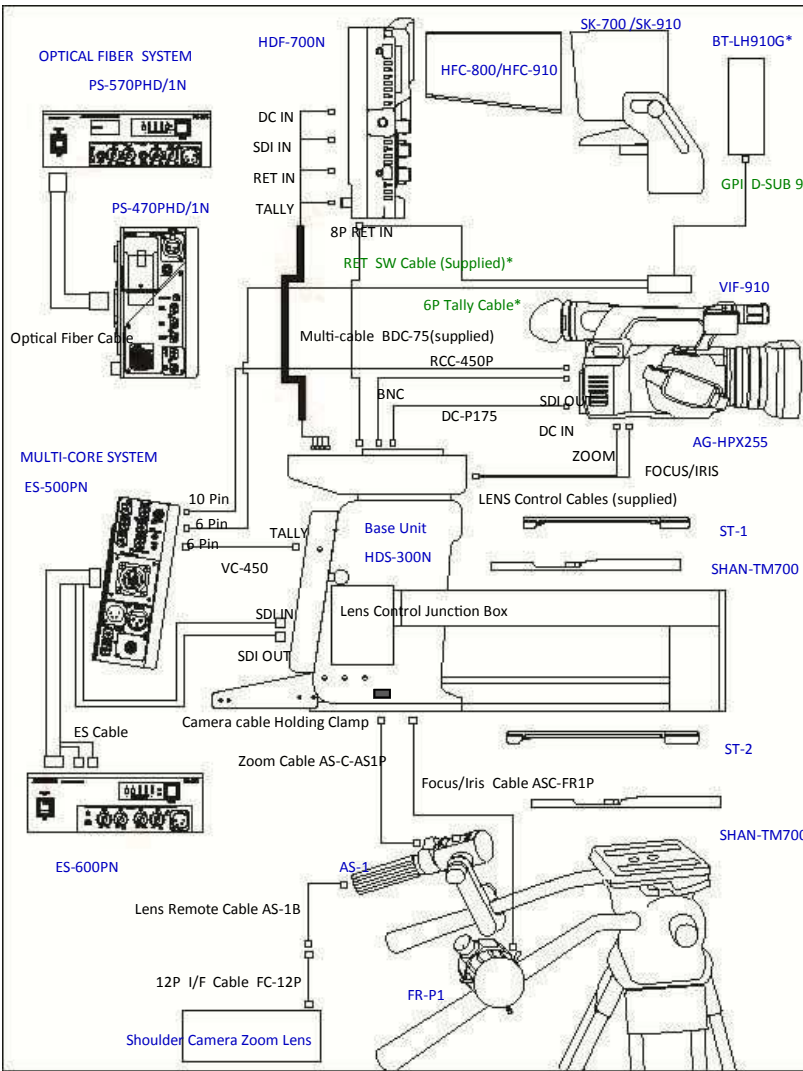


Rear panel with camera adapter attachment



Lens Remote Controller

# HDS-300N Basic Connection Chart



One-touch camera & HDS-300 fixing & release with attachment



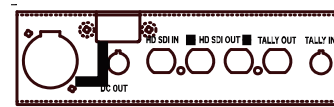
View finder mounting sue slide mechanism VF Connection



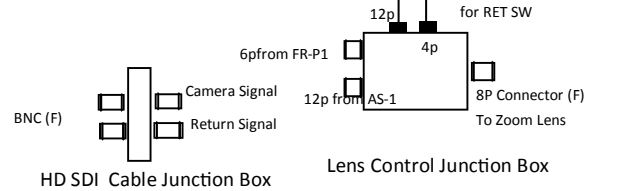
Internal connection box Lens Remote Junction Box Rear Panel



XLR DC Power Input



Internal connection Box



HD SDI Cable Junction Box

Lens Control Junction Box

\*Remarks; In case of use BT-LH910G instead of HDF-700N Tally Box VIF-910 is required, in this case RET SW cable must be connected to VIF-910, 6P Tally Cable must be connected to monitor out (ES-500PN) or IF out (PS-470PHD/1) and another 9P cable must be connected to GPI input of BT-LH910G

## Package Concept;

### Package Component;

- A. Basic Package; 300N-B
- B. Camera Conversion System Option; Two types are available
  - 1 Multi-core System
  - 2 Optical Fiber System
- C. View Finder Option; Two types are available
  - 1 7" View Finder HDF-700SKN
  - 2 9" View Finder LH910SK( BT-LH910G is supplied by Panasonic )
- D. Cable & Intercom Headset Option
- E. Other Optional Accessory

## Typical Package;

### 300N-B, Basic Package

### 300N-EM, Multi-core Package; 300N-B + B1

### 300N-EMV, Multi-core w/VF Package; 300N-B + B-1 + C-1

### 300N-PL, Optical Fiber Package; 300N-B + B-2

### 300N-PLV, Optical Fiber Package w/VF; 300-NB + B-2 + C-1

### 300N-PLS; Shoulder Package; HDS-300N + B-2 + RCC-450P + VC-450 + DC-C40M05

Remarks; Camera cable, Intercom headset, Tripod adapter, One touch fix/release attachment, Long Hood, Tally Cable etc. must be added by choosing from D. & E. according to your system requirement.

## A. Basic Package 300N-B



## B. Camera Conversion System Option

### B-1 Multi-core



Camera Adapter ES-500PN



Base Station ES-600PN

### B-2 Optical fiber



Camera Adapter PS-470PHD/1N



Base Station PS-570PHD/1N

### C. View Finder Option

#### C-1 7" View Finder Kit HDF-700SKN



7" LCD VF Monitor



Studio Kit

#### C-2 9" View Finder Kit LH910SK



9" LCD Monitor BT-LH910G\*



Studio Kit SK-910



Tally Box VIF-910

\*Remarks; Supplied by Panasonic

### D. Camera Cable & Intercom Headset Option

#### Multi-core Cable



ESC-10 (10m)



ESC-25 (25m)



ESC-50 (50m)

#### Intercom Headset



Std. type DL-400N

#### Optical Fiber Cable



ALC-20M(20m)



ALC-50M(50m)



ALC-100M(100m)



Single full cover type DL-500N



Double full cover type DL-550N

\*Remarks; Supplied by Panasonic

### E. Other Optional Accessory

Long Hood for HDF-700N/ for BT-LH910G One touch fix/release attachment



HFC-800

Tripod Adapter



HFC-910

DC Power Cable for AVCCAM



ST-1 for camera ST-2 for HDS-300

D-TAP Cable



Tally Cable



SHAN-TM700\*



DC-P155

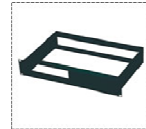


DC-C40M05



TC-550

Rack Mount Frame



HS-RA90

Remote Control Unit



AG-EC4G\*

8P Zoom Cable



ASC-1B

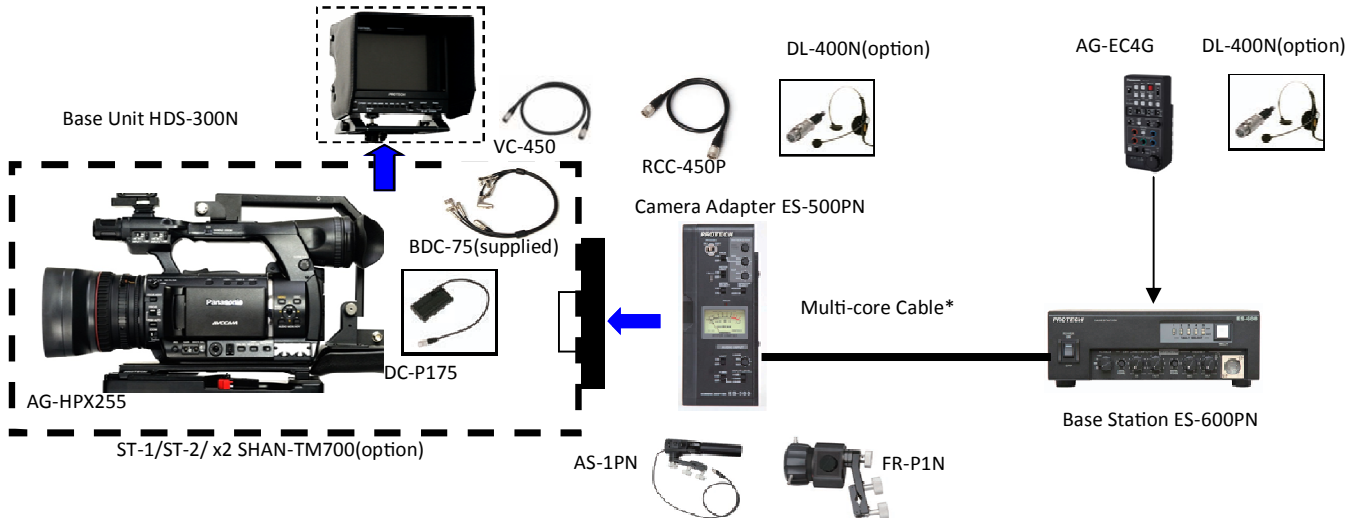
12P-8P I/F Cable



FC-12P

### System Example-1; 300N-EM with AG-HPX255(Handheld type)

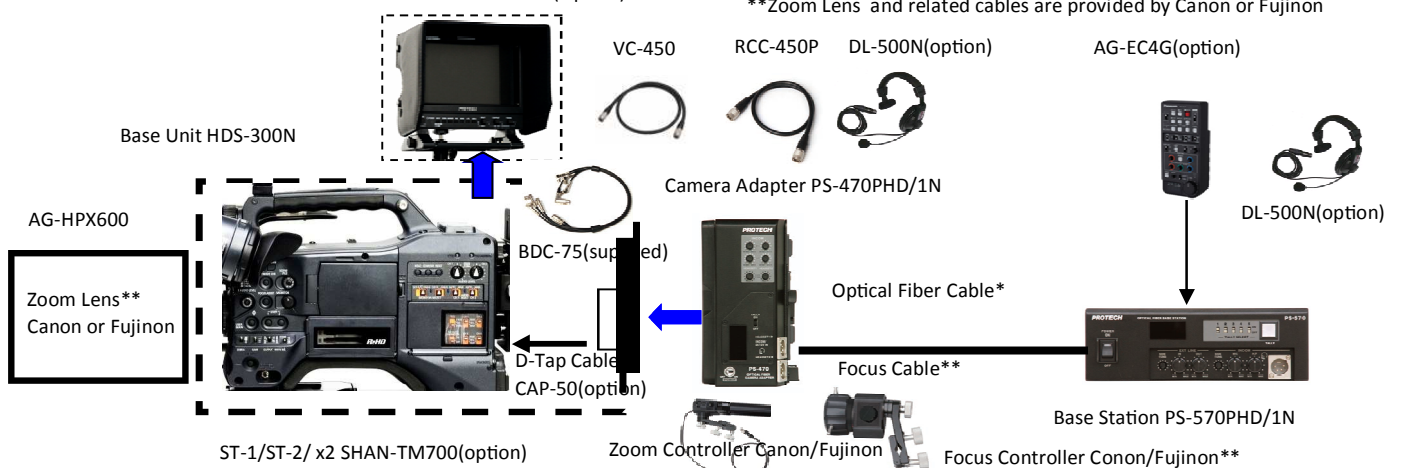
7" View Finder HDF-700SKN (Option)



### System Example-2; 300N-PLS with AG-HPX600 (Shoulder type)

7" View Finder HDF-700SKN(Option)

Remarks; \* Camera Cable must be chosen according to required cable length  
\*\*Zoom Lens and related cables are provided by Canon or Fujinon



## Specifications for Package Equipment ;

### Multi-core Camera Conversion System

#### ES-500PN Multi-core Camera Adapter

- Input; BNC x3 (HD component Y/R-Y/B-Y), BNC x1 (composite), XLR 3p female x1 (Audio +4/-20/-60dB)
- Output; BNC x2 (GEN, RET), 6p x1 (monitor)
- Others; 10p x1(remote), XLR 4p male x1,(Headset), BNC (Tally), Camera 26p
- Power consumption; approx. 5W
- Power Supply; DC11V - 17V
- Dimension; 121mm(W) x 169mm(H) x 70mm(D)
- Weight; approx. 1.0Kg

### Optical Fiber Camera Conversion System

#### PS-470PHD/1N Optical Fiber Camera Adapter

- Input; BNC x1 HD/SD SDI, DC Input; V-mount x1/ DC In (XLR 4p male x1), TC Input (BNCx1)
- Output; BNC x1 HD/SD SDI(RET) x1, TC Out (BNC x1) Composite GEN (BNC x1), DC Out ; V-mount x1
- Others; 10p x1(remote), XLR 4p male x1,(Intercom), 6p x1 (monitor), Optical Fiber Connector
- Power consumption; approx. 20W
- Power Supply; DC12V
- Dimension; 180mm(W) x 169mm(H) x 91mm(D)
- Weight; approx. 1.8Kg

### View Finder

#### HDF-700SKN 7" View Finder Kit

- LCD Panel; 7" TFT-LCD Active Matrix (TN)
- Aspect Ratio; 16:9
- Resolution; 800 x 480
- Viewing Angle; 170° (H) 110° (V)
- Color Reproduction Characteristics; 16,700,000
- Input; BNC x1 (HD /SD SDI), BNC x1 (RET HD/SD SDI), HD Component x1
- Output; HD/SD SDI ( Input loop through)
- Audio Output; XLR 3p male x2, Stereo Jack (Φ6.3mm)
- Tally Input; 8p In/Out, BNC In/Out
- Power consumption; approx. 12W
- Power Supply; DC 12V (11V - 18V)
- Dimension (VF only); 195mm(W) x 153mm(H) x 50mm(D)
- Weight; approx. 2.10Kg

Remarks;

1. Specifications of each products are subject to change without notice
2. Features and specifications for Panasonic items are to be referred to the brochure of each product from Panasonic
3. The products in this brochure are exclusively distributed through Panasonic sales channel only.

#### ES-600PN Multi-core Base Station

- Input; BNC x1 (RET), BNC x1 (GEN), BNC x2 (HD/SD SDI)
- Output; BNC x3(HD component Y/R-Y/B-Y), BNC x1 (composite), BNC x2 (HD/SD SDI), BNC x1 (HD/SD SDI RET loop through), XLR 3p male x1 (Audio 20dB), XLR 3p male + female x1 each, (intercom), XLR 4p male x1(Headset)
- Others; 10p x1 (remote), D-Sub 15p x2 (Tally In/Out), Camera 26p
- Power consumption; approx. 120W
- Power Supply; Multi Voltage (100V-240V)
- Dimension; 215mm(W) x 71mm(H) x 320mm(D)
- Weight; approx. 2.5Kg

#### PS-570PHD/1N Optical Fiber Base Station

- Input; BNC x1 (HD/SD SDI RET), BNC x1 (GEN),
- Output; BNC x2(HD/SD SDI), XLR 3p male x1 (Audio 20dB), XLR 3p female x1(intercom) XLR 4p female x1 (Headset), XLR-5p female x1 (Aux/Intercom)
- Others; 10p x1 (remote), D-Sub 15p x2 (Tally In/Out), Optical Fiber Connector
- Power consumption; approx. 120W
- Power Supply; Multi Voltage (100V-240V)
- Dimension; 215mm(W) x 71mm(H) x 320mm(D)
- Weight; approx. 3.9Kg

### Lens Remote Controller

#### AS-1 PN Zoom Remote Controller

- Zoom Remote Controller for Panasonic Handheld Camcorder
- With return or recording start switching function
- Fujinon or Canon Zoom Lens can be remote controlled
- Supplied Accessories; Pan Handle attachment, 8pin lens remote cable ASC-1B and 2.5 Φ pin jack cable

#### FR-P1N Focus/Iris Remote Controller

- Exquisite touch focus control can be realized
- Iris also can be remote controlled
- Supplied Accessories; Pan Handle attachment and 3.5Φ pin jack cable

#### HDS-300N Studio Build-up Unit

- Input; HD-SDI Camera (BNC) x1, HD-SDI RET (BNC) x1, 6p Tally x1, 4p XLR DC 11V-18V x1
- Output; HD-SDI (BNC) x2, HD-SDI Camera (BNC) x1, Tally (BNC) x1, 4p XLR DC12V x1, Mini 4p 7.2V DC Out x1, D-Tap DC 12V x1
- Dimension( WxDxH); 510mm x 285mm x 300mm Weight; approx. 5.3Kgs
- Supplied Accessories; Multi-core cable BDC-75 x1, 12p- twin mini jack cable x1 , 4p-8p RET cable x1, BNC Cable x2

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