

RCFFORUM
CONGRESS SOLUTION

DISCUSSION SYSTEM 6000 SERIES



the rules of sound

RCF

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The RCF Forum 6000 System has been designed to manage conference, debates, president desks in auditoriums/conventions and meetings. Offering outstanding versatility, the system is simple to wire, easy to set-up and use, in a limited time.

Several microphone consoles are available to optimise microphone operation automatically, without the need of a control unit.

Many operational modes can be chosen through the LCD display and simple menus.

For more advanced use a complete set-up menu adds flexibility to the system allowing you to personalise several parameters.

The 6000 system offers the following operation modes:

- Free Discussion (where all microphones can be activated at the same time)
- Discussion with limited number of active microphones (6 to 1)
- Discussion with one microphone active at a time with override facility of the previous one
- Simultaneous or sequential one language interpretation system
- Booking facility can be associated to the discussion modes and queue size can be limited from 10 to 1. When NOM has been reached, a certain number of consoles booked will be automatically switched-on according to the list, as soon as someone 'cuts-out' his microphone
- Automatic microphone switch-off after 30 seconds of inactivity can be introduced
- Configuration of the 2 universal aux inputs in combination with vox, activation/mute command, priority
- Dome Camera control (with PC control of the active microphones - optional extension module DEC 6104 required)
- Digital anti-feedback processor (optional extension module DEC 6104 required)

Option board DEC 6104 (slot on rear panel) will also offer 180 console extension and serial port control (PC link and 3rd party's systems connection). An external power supply unit DPS 6200 is required to connect more than 60 and up to 180 mike consoles.



DISCUSSION SYSTEM 6000 is the ideal solution for

- > Council chambers
- > Congress centres
- > Board of directors meetings
(banks, insurance firms, etc.)
- > Law courts
- > Auditoriums



DMU6100

The DMU 6100 is the heart of the system allowing the direct connection of up to 60 microphone sets on two lines. The possibility to expand to 180 microphone sets has been foreseen with optional hardware.

Specific tools are available on the DM 6100 to test the correct wiring and operation of the system to help installation and maintenance. The status is available on the LCD, including advice of the type of consoles connected.

Two universal inputs are also available for connecting any additional sources such as a wireless microphone or a lectern microphone or any other complementary device, even a mixer-preamplifier. These two inputs can be configured in different ways; for instance they can be mixed with the system audio, have priority on system microphone sets, one mixed and one priority etc.

To increase flexibility VOX operation or command operation are available; the command switch can be programmed to work as FORCED-ON or FORCED-OFF, always through configuration menu.

REC-PLAY input and outputs associated to a switch allow the connection of any recorder/player.

Dedicated IN and OUT connections are available echo-free for the link to a teleconference system.

4 additional Auxiliary Outputs are available for the independent recording of the 2 universal inputs and each of the 2 lines of microphone sets, this helps in systems where verbalisation/recording must be done separately like law-courts.

From the front panel of the main unit LCD, function buttons and LEDs help the installer and the user in adjusting all the parameters and volumes, while a speaker and a ¼" jack work as audio monitoring.

Power supply is automatic 110/240 Vac.



DMS6401

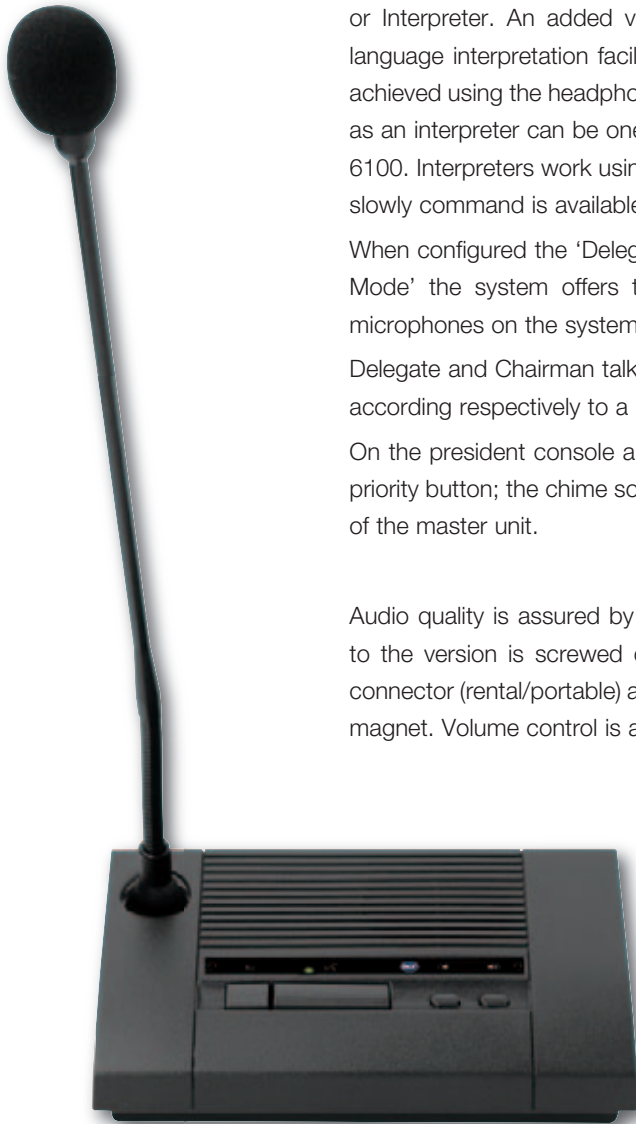
One type of consoles is available; Through DIP switches you can configure it as Chairman, Delegate or Interpreter. An added value feature the RCF Forum 6000 System has an integrated single language interpretation facility; simultaneous or sequential Listening to the translated language is achieved using the headphone sockets available on each microphone set. The consoles configured as an interpreter can be one or two, linked to the dedicated RJ connectors on the main unit DMU 6100. Interpreters work using the console microphone and console sockets for headphone. Speak slowly command is available and lights-up an LED on the active microphone.

When configured the 'Delegate Console' has a microphone button and mute facility, in 'Chairman Mode' the system offers talk and priority buttons that, if pushed together cancel the active microphones on the system for override purposes.

Delegate and Chairman talk buttons are smart buttons working both as PTT or PTL (push to lock) according respectively to a long or short pressure of the buttons.

On the president console a chime-tone can be associated to a priority activation of the chairman priority button; the chime sound can be also activated through terminals available on the rear panel of the master unit.

Audio quality is assured by a professional gooseneck hyper-cardioid microphone that, according to the version is screwed directly into the base (fixed installations) or plugged through an XLR connector (rental/portable) and a high efficiency high intelligibility full-range speaker with neodymium magnet. Volume control is adjusted by push-buttons.



Easy to install:

Two lines of 30 microphone consoles each can be linked to the main unit, just in a daisy chain format.

A software option helps the installer to know in detail the system configuration and connection faults.

Consoles can be desk top or semi-flush mounted. RJ connectors and a special thin multi cable make the installation wiring extremely quick and simple.

One console usable as desk-top or semi-flush mounting, in 3 configurations:

- Chairman (max 3 president consoles can be configured for each system)
- Delegate
- Interpreter (2 interpreter consoles can be configured)

Easy to use:

Display and clear commands make the RCF Forum Discussion System simple also for non-familiar new users.

Easy to manage:

Several operational modes are available to meet any conference requirements.

During operation you can change the operation mode without interrupting the session:

Passing for instance from free-discussion to a certain Number Open Microphones the system allows the microphone to be switched OFF but not "ON" till the correct number has been reached.

Easy to manage an alternative language guest:

A simultaneous or sequential interpretation system helps you to manage a bilingual conference, a second language relator or other language guest.

The two 3,5mm jack available on the sides of the console can be also used as recording outputs leaving the built-in speaker working even when jack is inserted...typical application is a remote/local recording during a press-conference through the headphone outputs.

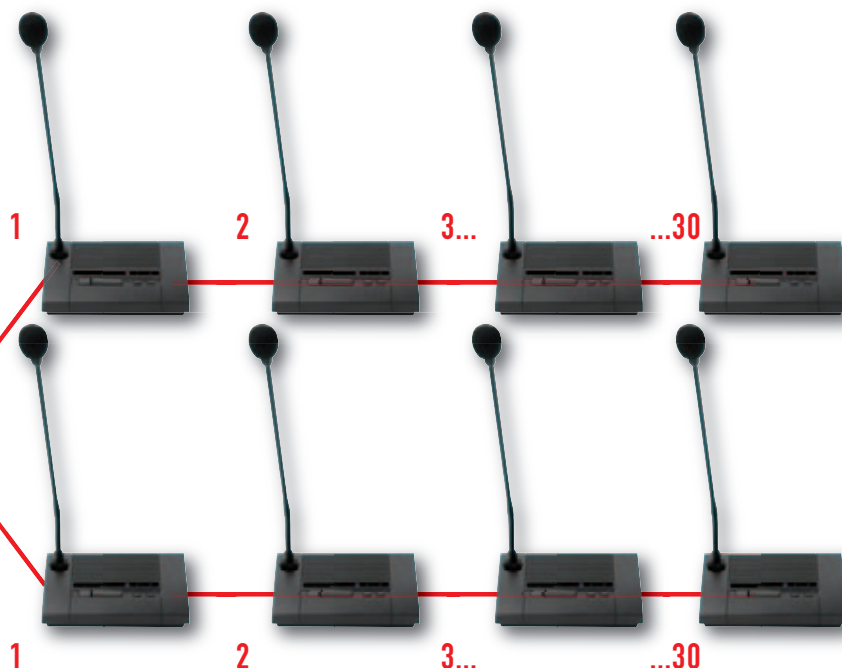
Easy to move:

The microphone console is compact and has optimized weight to be "solid" but not over heavy to limit the portability.

**UP TO 60 MICROPHONE UNITS
CONNECTED...**



INTERPRETER SETS





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cod. 10409067

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